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CATALOGUE  
1962-1963

*Saint  
Joseph's  
College  
for  
Women*

BROOKLYN  
NEW YORK





CATALOGUE 1962-1963

*Saint  
Joseph's  
College  
for  
Women*

CONDUCTED BY  
SISTERS OF ST. JOSEPH



BROOKLYN 5, NEW YORK





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1962

SEPTEMBER

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1963

JANUARY

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MAY

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JUNE

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## COLLEGE CALENDAR '62 - '63

September	10 - 14	Freshman Orientation
	14	Mass of the Holy Ghost
	17	Opening of Fall Semester
October	1	Investiture
	3	Founder's Day
	12	Columbus Day (Holiday)
November	1	All Saints Day (Holyday)
	3	Final Date for Filing Scholarship Applications
	6	Election Day (Holiday)
	21	Thanksgiving Recess begins at 6 p.m.
	26	Classes resumed
December	1	CEEB Examination (Scholarship and Admission)
	18	Christmas recess begins at 4 p.m.

\* \* '63 \* \*

January	2	Classes resumed
	12	CEEB Examination (Admission)
14, 15, 16, 17, 18		Final Examinations
20 - 27		Inter-semester Recess
	25	Senior Comprehensive Examination
	28	Opening of Spring Semester
February	12	Lincoln's Birthday (Holiday)
	22	Washington's Birthday (Holiday)
March	2	CEEB Examination (Admission)
April	8, 9, 10	Annual Retreat
	10	Easter Recess begins at close of Retreat Exercises
	22	Classes resumed
	27	Language Comprehension Examinations
May	1	St. Joseph, the Workman (Holiday)
	23	Ascension Day (Holyday)
20, 21, 22, 24, 25, 27, 28, 29		Senior and Undergraduate Final Examinations
	30	Decoration Day (Holiday)
June	2	Baccalaureate Exercises
	5	Commencement

## OFFICERS OF GOVERNMENT

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HIS EXCELLENCY, THE MOST REVEREND BRYAN JOSEPH McENTEGART, D.D., LL.D., L.H.D.

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SISTER MARY WINIFRED, M.S.	Librarian
SISTER CATHERINE MARIA, M.A.	Registrar
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SISTER JOSEPH DAMIEN, Ph.D.	Director of Public Relations
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ENA VEGUEZ, M.D.	Health Director
JOSEPH LIONELLO, M.D., F.A.C.S.	Consulting Physician
JOHN AQUINAS McCABE, M.D., F.A.C.S.	Consulting Physician

## ALUMNAE OFFICE

GRACE BYRNE HILL (MRS. HARRY G.), B.A., M.A., LL.B., J.S.D.	Executive Secretary
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## FACULTY COMMITTEES AND CHAIRMEN

Committee on Academic Standing . . . . .	SISTER TERESA AVILA
Committee on Appeals . . . . .	SISTER TERESA MARIE
Committee on Catalogue . . . . .	SISTER SAINT MAURICE
Committee on Committees . . . . .	SISTER M. FLORENCE
Committee on Curriculum . . . . .	SISTER JOHN BAPTIST
Committee on Extracurricular Activities . . . . .	SISTER JOAN DE LOURDES
Committee on General Assemblies . . . . .	SISTER MIRIAM HONORA
Committee on Honors . . . . .	DR. EVA LANGE
Committee on Recommendation for Pupil Teaching	
Elementary School Level . . . . .	SISTER MARGARET LOUISE
Secondary School Level . . . . .	SISTER MARY WINIFRED
Committee on Scholarships and Grants-in-Aid . . . . .	SISTER ALMA VIRGO
Committee on Tenure . . . . .	SISTER ALMA VIRGO
Committee on Testing . . . . .	SISTER MARGARET LOUISE
Faculty Counseling Committee . . . . .	SISTER JOHN RAYMOND

# FACULTY

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B.A., St. Joseph's College; M.A., Columbia University

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B.B.A., St. John's University; M.A., Columbia University

SISTER ANITA ROSAIRE . . . . . Lecturer in Biology  
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SISTER ANN EDMUND . . . . . Assistant Professor of Classical Languages  
B.A., St. Joseph's College; M.A., Columbia University

MR. JOHN A. ARNEZ . . . . . Assistant Professor of Economics  
Licencé en Sciences Politiques et Sociales et Licencé en Sciences Economiques,  
Catholic University of Louvain; M.A., Yale University

SISTER M. BEATRICE . . . . . Professor of Biology  
B.A., St. Joseph's College; M.S., Ph. D., New York University

MISS MARION M. BRENNAN . . . . . Lecturer in Social Work  
B.A., St. Joseph's College; M.A., Fordham University School of Social Service

MR. DANIEL CAHILL . . . . . Lecturer in Education  
B.A., Fordham University; M.A., LL.B., Fordham University

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B.A., Cathedral College; S.T.L., Catholic University of America

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B.B.A., St. John's University; M.A., Columbia University

SISTER CHARLES MARITA . . . . . Assistant Librarian  
B.S., B.L.S., St. John's University; M.S. in L.S., Catholic University of America

SISTER MARIE CLOTILDE . . . . . Professor of Chemistry  
B.A., St. Joseph's College; M.A., Columbia University

- SISTER M. CORDE . . . . . Associate Professor of Physics  
B.A., St. Joseph's College; M.A., Columbio University; M.S., New York University
- MISS JOAN COSTA . . . . . Instructor of Child Study  
B.A., St. Joseph's College; M.A., Fordhom University
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B.A., Fordhom College; M.S., St. John's University
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B.A., Brooklyn College; M.S., College of the City of New York; M.A., Ph. D.,  
New York University
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B.S., St. John's University
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B.A., St. Joseph's College; M.A., St. John's University; Ph.D., Columbio University
- SISTER GEORGE AQUIN . . . . . Assistant Professor of Sociology-Anthropology  
B.A., Hunter College; M.A., Catholic University of Americo
- MRS. ELIZABETH GILBERT . . . . . Assistant Professor of Donce  
B.A., Bornord College; Bennington School of the Donce
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B.A., St. Joseph's College for Women; M.A., New York University; Ph.D.,  
St. John's University
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B.A., Monhotton College; M.A., Columbia University
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B.S., M.A., Ph.D., University of Wisconsin
- DR. MARY J. HUSCHLE . . . . . Professor of Low and Government  
B.A., St. Joseph's College; LL.B., Fordhom University; J.D., St. Lowrence Uni-  
versity — Brooklyn Low School



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B.B.A., St. John's University; M.S., St. John's University
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B.A., St. John's University; M.A., New York University
- SISTER JOAN DE LOURDES . . . . . Professor of History  
B.A., St. Joseph's College; M.A., Columbio University; Ph.D., University of Pennsylvania
- SISTER M. JOEL . . . . . Instructor of Mothematics  
B.A., St. Joseph's College; M.S., St. John's University
- SISTER JOHN BAPTIST . . . . . Professor of Speech  
B.A., College of New Rochelle; M.A., Cotholic University of Americo
- SISTER JOHN RAYMOND . . . . . Assistant Professor of Education  
B.A., College of New Rochelle; M.A., Columbio University
- SISTER JOSEPH DAMIEN . . . . . Associate Professor of History  
B.A., St. Joseph's College; M.A., Cotholic University of Americo; Ph.D., Columbio University
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B.A., St. Joseph's College; M.A., Columbio University; Ph.D., Yale University
- MISS CATHERINE KEELY . . . . . Lecturer in Education  
B.A., St. Joseph's College; M.A., Fordhom University
- MISS DOROTHY A. KING . . . . . Assistant Professor of English  
B.A., College of New Rochelle; M.A., Fordham University
- MISS RUTH C. KLEIN . . . . . Lecturer in Speech  
B.A., University of Wisconsin; M.A., Northwestern University
- DR. EVA LANGE . . . . . Assistant Professor of German  
B.A., M.A., Hunter College; Ph.D., Columbio University

REV. RAYMOND LEONARD . . . . . Professor of Theology  
M.A., Ph.D., St. John's University

SISTER M. LEONIE . . . . . Assistant Professor of Child Study  
B.A., St. Joseph's College; M.A., Columbia University

\*MR. AMOS LESSARD . . . . . Assistant Professor of French  
B.A., Clark University; M.A., Princeton University

\*MR. EDWARD MAHONEY . . . . . Assistant Professor of Philosophy  
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MISS JOSEPHINE MALLIA . . . . . Associate Professor of French  
B.A., Hunter College; M.A., Columbia University; Diplômée, Sorbonne, Paris

SISTER MARGARET LOUISE . . . . . Professor of Child Study  
B.A., St. Joseph's College; M.A., Columbia University; Ph.D., Catholic University  
of America

SISTER MARGARET URSULA . . . . . Professor of Mathematics  
B.A., Hunter College; M.A., Columbia University

SISTER MIRIAM HONORA . . . . . Instructor of Child Study  
B.A., St. Joseph's College; M.A., Catholic University of America

DR. GEORGE MONAHAN . . . . . Lecturer in Spanish  
B.A., Adelphi College; M.A., Ph.D., Fordham University

MR. STANLEY A. NEVINS . . . . . Instructor of Philosophy  
B.A., Manhattan College; M.A., Fordham University

DR. STEPHEN C. Y. PAN . . . . . Visiting Professor of History  
B.A., Catholic University of Peiping; M.A., Ph.D., Catholic University of America;  
LL.D., University of Rome

MRS. ESTHER RAFFALLI . . . . . Professor of Spanish  
B.A., Instituto Literario—Universidad del Sureste, Mexico; Diplômée, Sorbonne,  
Paris

- SISTER ROSE CATHERINE . . . . . Instructor of Biology  
B.S., M.S., St. John's University
- SISTER SAINT FRANCIS . . . . . Associate Professor of Chemistry  
B.S., St. John's University; M.S., Ph.D., Fordham University
- SISTER SAINT MALACHY . . . . . Instructor of Classical Languages  
B.A., St. Joseph's College; M.A., St. John's University
- SISTER SAINT MAURICE . . . . . Assistant Librarian  
B.A., Manhattan College; B.L.S., St. John's University
- MRS. TERESA SCHNEIDER . . . . . Lecturer in Physical Education  
B.S., New York University
- MISS MARY SHEA . . . . . Professor of Speech  
B.A., Brooklyn College; M.A., New York University
- DR. RAYMOND STRASSBURGER . . . . . Professor of Psychology  
B.S., Fordham University; M.A., Fordham University; Ph.D., Columbia University
- SISTER TERESA AVILA . . . . . Associate Professor of History  
B.A., College of New Rochelle; M.A., Ph.D., Columbia University
- SISTER TERESA MARIE . . . . . Associate Professor of English  
B.A., St. Joseph's College; M.A., Columbia University
- SISTER VINCENT THERESE . . . . . President  
B.A., St. Joseph's College; M.A., Columbia University; Ph.D., Catholic University  
of America
- SISTER VIRGINIA THERESE . . . . . Assistant Professor of Chemistry  
B.A., St. Joseph's College; M.S., New York University
- MISS MARGARET WARD . . . . . Assistant Professor of Physical Education  
B.S., New York University; M.A., Columbia University
- SISTER M. WINIFRED . . . . . Librarian  
B.A., St. Joseph's College; B.S., M.S., Columbia University

## GENERAL STATEMENT

*Saint  
Joseph's  
College  
for  
Women*

is a College dedicated to the education of women after the ideals of the liberal arts. Its objectives are:

the advancement of scholarship  
the fashioning of a Catholic woman  
the service of this Republic and  
the perfecting of humanity.

The College holds its charter by grant of the State of New York given in 1916. The corporate powers of St. Joseph's College for Women are vested in the Board of Trustees whose Chairman is, ex-officio, the Bishop of Brooklyn.

The facilities and equipment are adequate to the curriculum and include, in addition to the chapel, laboratories, auditorium, gymnasium, recreation rooms, a little theatre and an outdoor theatre. The library is housed in a separate building.

Although the College is empowered to grant B.A. and B.S. degrees, its policy has been to gear the curriculum to the liberal arts with major or minor in the field of the experimental sciences where this is desirable.

The location of the College provides easy access to and from all parts of the metropolis. By making use of available cultural resources, St. Joseph's professors can add an extra dimension to their teaching. The City offers a variety of material to supplement, enrich and give significance to ideas and information presented in the classroom.

At St. Joseph's the student body is encouraged to develop initiative and a sense of responsibility by assuming the direction and management of its own affairs. Since 1925 the Undergraduate Association has had control of the extracurricular life of the students. In addition, it has been given the privilege of student-administered examinations under the Honor System and also student-administered attendance regulations.

An urban college like St. Joseph's enjoys many advantages because of its metropolitan setting. It can be more selective about admission policies, choosing students who show that they have the potential for developing their intellectual and spiritual gifts.

The aim of St. Joseph's College for Women is to help each student become more mature and intelligent, with an intellect disciplined by learning, a faith strengthened by conviction and a personality enriched by contact with philosophy and art.

The members of the faculty dedicate themselves to guiding students in developing their potentialities to the fullest extent. The common, as well as individualized, effort of faculty members—priests, Sisters, laywomen and laymen—is directed to the realization on the part of each student of the rich significance of the College motto, *Esse Non Videri*, To Be, Not to Seem.

The College is accredited under the:

Middle States Association of Colleges and Secondary Schools  
University of the State of New York  
Department of Education of the State of New York.

It is a member of the:

American Association of University Women  
American Council on Education  
Association of American Colleges  
Association of Colleges of the State of New York  
College Entrance Examination Board  
Conference of the Catholic Colleges and Universities of the  
State of New York  
National Catholic Educational Association  
National Commission on Accrediting.



## GENERAL INFORMATION

### *Admissions*

Application for admission to the Freshman Class should be made during the Senior year in secondary school, preferably during the student's seventh term.

A candidate for admission should be a graduate of a recognized secondary school. Her course should include four years of English; three years of a foreign language or two years in each of two foreign languages; two years of elementary mathematics, emphasizing basic algebraic and geometric concepts and deductive reasoning; a year of American History; and a year of science. The remainder of the course should consist of work in history, mathematics, science, additional languages, music or art.

In addition, all candidates for admission to the Freshman Class are required to take the Scholastic Aptitude Test of the College Entrance Examination Board, plus Writing Sample. This Examination should be taken in December *or* January of the Senior year. Qualified candidates for admission may submit scores on Advanced Placement Examinations administered by the College Entrance Examination Board.

A recommendation is required from the Principal of the school which the applicant attended. Furthermore, a personal interview with one of the Officers of Admissions is advised.

The Officers of Admissions are willing to consider the application of students whose preparation for college may vary from the above pattern, but who give evidence of ability to do college work.

Final filing date for applications is April 1.

St. Joseph's College for Women subscribes to the Candidates' Reply Date of May 1.

During the first week of June Modern Language Placement Tests will be administered and Modern Language Interviews arranged with Department Chairmen at the College. At this time, candidates for admission will be given directives for programming by the Registrar.

Address communications to the Director of Admissions, St. Joseph's College for Women, 245 Clinton Avenue, Brooklyn 5, New York. Telephone MA 2-4696.

The Office of the Registrar is open on school days from 9 A.M. to 5 P.M. It is not open on Saturdays. From June until September the Registrar's Office continues open Monday through Friday from 10 A.M. until 3 P.M.

## College Entrance Examination Board Tests

The Scholastic Aptitude Test administered by the College Entrance Examination Board is a three-hour test which includes a verbal and mathematical section.

The Writing Sample administered by the College Entrance Examination Board is an indicator of the writing ability of candidates.

Copies of the Bulletin of Information may be obtained without charge from the College Entrance Examination Board. The bulletin contains rules regarding applications, fees and reports, rules for the conduct of the tests; advice to candidates; descriptions of the tests; sample questions; and lists of examination centers.

Candidates should make application by mail to the College Entrance Examination Board, Box 592, Princeton, New Jersey.

Each application submitted for registration must be accompanied by the examination fee: Scholastic Aptitude Test..... \$5.00  
Writing Sample ..... \$2.00

The Board will report the results of the tests and forward copies of the Writing Sample to the institutions indicated on the candidates' applications. The College will in turn notify the candidates of the action taken upon their application for admission.

The following dates apply to the scholastic year 1962 - 63:

Final Registration Dates	Dates of Tests
November 3, 1962	Scholastic Aptitude Writing Sample
December 14, 1962	December 1, 1962
February 2, 1963	January 12, 1963
April 20, 1963	March 2, 1963
July 10, 1963	May 18, 1963
	August 14, 1963

All applications and fees should reach the appropriate office of the Board not later than the dates specified above.



## *Freshman Orientation*

Five days preceding the opening of the Fall semester are set aside for the Orientation of Freshmen. The program, planned jointly by a Faculty and Student Committee to facilitate the adjustment of the entering student, includes conferences, social activities and course registration.

The program continues in a required course.

Aptitude, achievement and reading tests are administered to all Freshmen.

## *Registration and Fees*

Application blanks may be had at any time. A remittance of \$15.00 is payable when the application is filed and a registration fee of \$10.00 once a year thereafter. The application fee is a service fee and in no case returnable. Late application is \$20.00.

Tuition . . . . .	\$23.00	per point
Locker and Stationery . . . . .	4.00	} per semester
Library . . . . .	6.00	
Gymnasium . . . . .	6.00	
Laboratory Fees		
Science courses . . . . .	20.00	
Psychology 58 and 59 . . . . .	10.00	
Student Activity Fees . . . . .	18.00	
Medical Fee (1st and 7th semesters) . . . . .	5.00	}
Graduation Fee (Final semester) . . . . .	35.00	

No reduction or refund will be made for withdrawal except in case of protracted illness.

Bills for tuition are to be paid in full for fall semester by November 17 and for spring semester by March 15.

The College reserves the right to alter tuition charges and fees when such changes become necessary.

Pre-tuition payment of \$25.00 is payable by the incoming Freshmen before May 25. It will be credited on the bill issued at Registration and is not refundable.



## *Scholarships*

Through the generosity of friends a number of scholarships are offered to deserving students. Unless special conditions are named by the donors, the only requirement governing the awarding of a scholarship is that the student shall have given evidence of high academic promise.

It is understood that no one is eligible for a scholarship who has not satisfied the entrance requirements of the College.

The College reserves the right to declare forfeited the scholarship of any student who fails to maintain a B average.

The Board of Trustees awards three scholarships annually, two competitive, and one in science to a student who is a graduate of a high school in the Diocese of Brooklyn. Applicants for the scholarships must make application to the College Entrance Examination Board for the December Scholastic Aptitude Test and Writing Sample, as well as to the Director of Admissions of the College. Final filing date is November 3.

### Full perpetual scholarships:

Daniel A. and Ellen Frances Skinnell Scholarship  
St. Angela Hall Scholarship  
Nativity Parish Scholarship  
Mary E. Doherty Scholarship  
Academy of St. Joseph Alumnae Scholarship

### Full scholarships:

St. Joseph's College Alumnae Scholarship  
St. Agnes Seminary Scholarship  
St. Joseph Commercial High School Scholarship  
Monsignor Ross Memorial Scholarship  
Virginia Humphreys Cooke Scholarship  
Gilbert P. Murphy Scholarship

### Partial Scholarships:

Sister Gerardus Alumnae Scholarship  
Fontbonne Academy Scholarship  
Mary Louis Academy Scholarship  
Archbishop Molloy Scholarship  
Generosa Pope Scholarship  
Mayor's Committee on Scholarship Achievement Scholarship  
Flatbush Business and Professional Women's Scholarship  
Italian Charities of America

The sum of \$3,200 is sufficient to provide a scholarship for a student for four years. The sum of \$15,000 is necessary for the foundation of a full perpetual scholarship.

## *Financial Aid Program*

St. Joseph's College for Women is a participant in the National Defense Student Loan Program established under Title II of the National Defense Education Act of 1958 (P. L. 85-864) and in the New York State Higher Education Assistance Corporation Plan. Those interested in obtaining aid under this Program should first apply for admission to the College and also to the Chairman of the College Committee on Scholarships and Grants-in-Aid for proper Loan application forms on or before January 1.

## *Examinations*

A final examination is held at the completion of the work of each semester.

All requests for special examinations must be directed in writing to the Office of the Registrar within one week of the date on which the scheduled examination took place. Students absenting themselves from any examination are expected to notify the College by telephone on the very day of that examination.

A fee is required for late examinations.

The students take examinations under the administration of the **Student Committee on Examinations**. Entire responsibility is vested in this Committee. A student pledges her word to her associates to be honorable and to abide by all its decisions. The Committee is held to the strictest secrecy and never reveals its deliberations unless its penalties are reversed by the Committee on Appeals. Any member of the Committee may be impeached by a two-thirds vote of the Committee, ratified by a two-thirds vote of the student body.

The following excerpts from the *Constitution of the Honor System* will reveal its spirit and its *modus operandi*:

We, the students of St. Joseph's College for Women, in the City of New York, purposing a mightier womanhood, conscious of the difficulty of its attainment, but imbued with the high courage begotten of its ideals, and convinced that only honor is honorable, do ratify and affirm this constitution of our Committee. Be it therefore resolved:

1. That we will not give, seek or receive assistance during examinations from other students or from any written or printed matter except that authorized.
2. That we will not aid in connivance at the fraudulent presence of any student.
3. That we will report all violations of the pledge.
4. That we agree to be bound by all decisions and regulations of the Committee.
5. That we pledge our loyal support to the said Court.

### Procedure of the Committee

Section 1. The Committee is hereby invested with full charge of all cases involving violations of the **Honor System**.

Section 2. Each Committee member and each witness shall be considered under promise of secrecy when she has subscribed her name to this constitution. If a Committee member shall breach the pledge, the punishment shall be expulsion from the Committee. Breach of the promise by a witness or accuser shall become immediately a matter of Committee action.

Section 3. In case of conviction the Committee reserves to itself full power to impose whatever penalties seem justifiable. A two-thirds vote of the Committee shall be necessary for conviction.

### Rights and Duties of Students

Section 1. The instructor shall be present at examinations for the length of time necessary for answering questions which may arise.

Section 2. Students must maintain silence during examinations.

Section 3. Members of the student body must give evidence of an infringement of the **Honor System** to any member of the Committee or the Committee as a whole during a meeting.

Section 4. Evidence may be given by an instructor to the chairman of the Committee. This evidence must be in writing.

Section 5. In cases of reported violations, the Committee shall summon the accused person or persons and their accusers among the student body and shall conduct a secret investigation of the case.

Section 6. Accused persons shall be allowed witnesses in their defense.

### *Grades and Reports*

(Classes of 1963 and 1964)

Grade	Percentage
A	90-100
B	80- 89
C	70- 79
D	60- 69
F	0- 59

Although D is passing, it must be balanced by at least a B in order to maintain the College academic requirement.

For Class of 1965 and thereafter:

Grade

A	equals	4	quality	points	for	each	credit	hour
B	"	3	"	"	"	"	"	"
C	"	2	"	"	"	"	"	"
D	"	1	"	"	"	"	"	"
F	"	0						

For every plus or minus an adjustment of  $\pm 0.3$  or  $-0.3$  is made.

The scholarship index equals the total number of quality points divided by the total number of credit hours.

## *Honors*

### Honor Societies

#### *Delta Epsilon Sigma*

St. Joseph's is one of the founding colleges of *Delta Epsilon Sigma* and is headquarters for the Epsilon Chapter. This is a national organization for graduates of Catholic colleges and includes more than sixty chapters throughout the United States. Membership as set up in the original charter is based upon scholarly attainment and evidence of high character. It embraces members of the Faculty, Alumnae and Undergraduates.

#### *Kappa Gamma Pi*

Kappa Gamma Pi is a national honor society for the Catholic colleges for women. St. Joseph's was also one of the original members of this organization. It is required that students graduate in the highest tenth of their class in order to be eligible for consideration of their non-academic qualifications for election.

#### *Sigma Iota Chi*

Membership in the College honor society, *Sigma Iota Chi*, known as General Honors, is based on academic performance as well as upon outstanding qualities of mind and character. Students who meet the specified requirements are granted membership in *Sigma Iota Chi* for one year. A student who holds membership for three years becomes a permanent member of the Society and receives from the College the key of the Society.

### Qualifications for Membership

#### *in Kappa Gamma Pi and Sigma Iota Chi*

The Faculty Committee on Honors elects students to membership in these two societies following a study of academic and non-academic evaluations.

### Academic Qualifications

For '63 and '64: an academic average of 90% is the minimum for eligibility. Only grades earned at St. Joseph's are considered in the computation of averages for honors.

For '65 and thereafter: an index of 3.7 is the minimum for eligibility.

### Non-academic Qualifications

The College seeks, in addition to the academic qualifications for eligibility, an evaluation of the student as a well-socialized individual, possessed of qualities considered to be attributes of one who in the best sense may be considered representative. Assessment of the qualities of socialization, leadership, and responsibility of each academically eligible candidate is made by Faculty and a special student committee.

### Dean's Honor List

Each October, announcement is made of a Dean's Honor List: a record of students in good standing who in the previous academic year have attained an average of 89.5% or above, for '63 and '64; for '65 and thereafter, an index of 3.7.

### Departmental Honors at Graduation

A general average of 85% and an average of 90% in the major field are the minimum academic qualifications for eligibility for '63 and '64. For '65 and thereafter, a general index of 3. and an index of 3.7 in the major field will be the minimum required.

By ballot after discussion the members of the department evaluate each academically eligible candidate as a *whole* person worthy of honors.

### Degrees with Honors

Requirements for the award of degrees with honors include both academic and non-academic qualifications. The minimum academic requirement for degrees with honors is 90% average for four years for '63 and '64; an index of 3.7 for four years for '65 and thereafter. Faculty evaluation of non-academic eligibility is expressed in judgments of the socialization, leadership and responsibility of the academically eligible candidates for degrees with honors.

## *Academic Regulations*

### Requirements for Degree

Before a student may be recommended for graduation she must have satisfied the Faculty as to her character and her accomplishments in scholarship. She must also have attained a minimum average of 75% for '63 and '64 (index of 2 quality points for '65 and thereafter).

Each student is required to attain a grade of C in a Modern Language Comprehension Examination.

Each student is required to attain a grade of C in a comprehensive examination in her major field before graduation.

The points required for the degree of Bachelor of Arts are allocated as follows:

#### Freshman year

English . . . . .	6
* Mathematics or History . . . . .	6
Modern Language . . . . .	6
Philosophy . . . . .	4
Physical Education . . . . .	$\frac{1}{2}$
Science . . . . .	8
Speech . . . . .	2
Music . . . . .	1
	33 $\frac{1}{2}$

#### Sophomore year

Classical Languages . . . . .	4
English . . . . .	3
* History or Mathematics . . . . .	6
Modern Language . . . . .	0-6
Philosophy . . . . .	6
Physical Education . . . . .	$\frac{1}{2}$
Major, Minor and Electives . . . . .	15
	34 $\frac{1}{2}$

#### Junior year

History . . . . .	2
Philosophy . . . . .	4
Social Science . . . . .	3
Theology . . . . .	4
Major, Minor and Electives . . . . .	17
	30

#### Senior year

Theology . . . . .	4
Major, Minor and Electives . . . . .	26
	30

\* Both 1 year of History and 1 year of Mathematics are required.

A student may be granted extra hours provided her general average for the preceding semester warrants the exception.



## Plans of Study

Each candidate for the B.A. degree before the completion of her Freshman year must choose one of these plans of study:

*Plan A*                      Course in the liberal arts, including required courses, major, minor, and electives.

128 Points                  Allocation: (16¼, 17¼) (17¼, 17¼) (15, 15) (15, 15)

*Plan B*                      Course in the liberal arts, including required courses, major, minor and electives. It offers pre-professional training in the field of education on the secondary level.

132 Points                  Allocation depends upon the major.

*Plan B'*                     Course in the liberal arts, including required courses, a major in Child Study, a minor and electives. It offers pre-professional training in early childhood education.

132 Points                  Allocation: (16¼, 17¼) (18¼, 18¼) (17, 17) (17, 12)

## Majors and Minors

Each student must take a major subject of twenty-four points in one department and a minor of eighteen points in another. In general, it is advisable that these two fields of concentrated study be related to each other.

Students who wish to teach in the Secondary Schools must elect a major and a minor field before the completion of the Freshman year. Students who wish to teach at the early childhood level, i. e., in nursery school, Kindergarten, 1st, 2nd, and 3rd grades, must elect Child Study as a major before the completion of the Freshman year. Other students must elect a major and a minor before the completion of the Sophomore year. Major and minor subjects may be chosen only with the written consent of the Chairman of Department.

A student desiring to change her major or minor must obtain, on a blank furnished by the Registrar, signatures of all Chairmen of Departments affected and of the Dean. Any change of program made with the permission of the Dean will incur a charge of \$2.00 for each course changed. Permission to change a major or minor or plan will not be granted once registration is completed.

A student who wishes to elect the special program arranged for a two-year pre-nursing training should confer with the Dean at the time of registration.

## Dropping Courses

A student desiring to drop a course in which she is registered may do so with the approval of the Dean during the first month, or thereafter if illness has caused the student to seek cancellation. In both cases the permission of the Dean is required. Otherwise the student will receive an F.

## Extra-Mural Courses for Credit

Students may take courses outside St. Joseph's. These courses are restricted as to number. All students desiring permission must file, with the required signatures and within the time appointed, blanks which are provided for this purpose. No grade below C is accepted for '63 and '64 (C for '65 and thereafter).

## Academic Standing

The academic program of every student who fails in any semester to maintain a 75% average for '63 and '64 (index of 2 quality points for '65 and thereafter) is placed under the supervision of a Committee on Academic Standing composed of three Faculty members. In helping the student regain her academic equilibrium, the Committee pursues methods which depend on the average the student has achieved. If a student continues in her academic deficiencies, her matriculation at St. Joseph's permanently ceases. A student who during any semester of her college courses has come under the supervision of the Committee remains until her graduation under its jurisdiction with respect to all requests for extra hours and for summer school courses.

## *Attendance*

Students are expected to attend regularly and punctually all classes in which they are registered.

Class attendance is under the supervision of a Student Attendance Committee.

Attendance regulations are published in the Student and the Faculty handbooks.



## *Guidance*

Through individual interviews with a member of the Faculty Counseling Committee, Department Chairmen, and the Director of Student Personnel Services, the student is assisted in understanding herself, in evaluating her potentialities and in planning her college course in the light of her past achievements, her vocational and personal interests, and her special aptitudes. The opportunities provided by the College, together with the curricular requirements, are explained to enable the student to adapt more readily to college life.

An important function of the Student Personnel Office is to help the student clarify her occupational aims by providing adequate information concerning opportunities in the various fields. The Personnel Officer is prepared to provide data concerning graduate work including opportunities for graduate scholarships.

The services of the Office of Student Personnel are available at all times to all students in the College. Every student is interviewed in her Freshman year and as often as her needs and interests demand.

## *Health Program*

The aim of the Health Program is to develop an awareness of the necessity for good health habits for the full enjoyment of an active life.

Each student is given a thorough physical examination early in her first semester at the College. Serious conditions are referred to a private physician but a conference with the Health Director of the College guides the student in the remedial measures necessary for minor health deficiencies. A check-up of the record is made the semester before graduation when another complete examination is given.

## *Religious Life*

The religious life of St. Joseph's is integrated with the ideals of the College. In this spirit, it is conceived to be the personal business of the student. The Faculty regards its function in the general scheme as one of service, not coercion.

A student committee that is self-perpetuating, is in complete control. The clerical members of the Faculty are pleased to be guided by undergraduate opinion as expressed by the committee. This applies, of course, only to those phases of religion which are not curricular.

The students are provided with the ordinary exercises of religious devotion, especially daily Mass. A number of other devotions are carried out according to the liturgical year. All students are required to make an annual retreat.

## *Extracurricular Activities*

The principal organ of extracurricular activity at St. Joseph's is the student-governed Undergraduate Association, of which every student is a member. Student Government activities include athletics, music, dramatics and dancing, N.F.C.C.S. and N.S.A. and the ramifications of each. Every student is required to pursue at least one extracurricular activity for a minimum of one year. Students are encouraged to sustain an interest in extracurricular activities.

Frequent absence or non-participation in societies is penalized by the Committee on Extracurricular Activities. In spite of the fact that every student must participate in an activity, no one is allowed to represent the College in any field who has failed to maintain her class standing. This is part of the contract agreed upon by the students and the Faculty.

## *Study Clubs*

Most of the departments have their own societies and some are affiliated with national organizations.

In general, membership is open to all students who are interested in the field of study and have the necessary intellectual ability. The general student body is invited to attend the lectures.

## *The Library*

The library of St. Joseph's College, dedicated to the memory of Sister M. Lorenzo, former Registrar and Professor of Education, is located in a large building, immediately adjoining the College. Besides a collection of over 45,000 volumes and 313 current periodicals, the library lists among its holdings such pedagogical materials as phonograph recordings, microcards, microfilms, slides, filmstrips, pictures, pamphlets and clippings, and provides the equipment for use of non-book materials in the library. By means of interlibrary loans, both Faculty and students have access to the resources of other libraries. With the exception of Saturday, Sunday, and holidays the library is open daily from 8:30 A.M. to 6 P.M. On the Saturdays when classes are in session the library is open from 12:30 to 4:30 P.M. and during summer session from 10 A.M. to 4 P.M.

## *The Alumnae Association*

### Officers of the Alumnae Association, 1962 - 1963

President . . . . .	DORA AUGUS '49
Vice-President . . . . .	ANN BAUCH '56
Treasurer . . . . .	MAUREEN McDERMOTT '59
Financial Secretary . . . . .	MARY JOAN LAUDER McKENNA '50
Recording Secretary . . . . .	ELIZABETH HARKEN '51
Corresponding Secretary . . . . .	DORIS HEALY PETROCELLI '59

The loyalty of the alumnae of St. Joseph's has become proverbial. Various activities of the organization for the benefit of the College and the general pervading spirit of cooperative effort attest a sincere and lasting love for Alma Mater.

The College is committed to the belief that its responsibility to its graduates is never concluded. Hence, it provides all the activities for the Alumnae that are offered the Undergraduates, and freely offers to the Association and its various committees and study groups use of its facilities and the benefit of its assistance.



## COURSES OF STUDY

### *Child Study*

SISTER MARGARET LOUISE, Ph.D.

SISTER ALICE FRANCIS, M.A.

SISTER M. LEONIE, M.A.

JOAN COSTA, M.A.

SISTER MIRIAM HONORA, M.A.

The courses in Child Study are designed to help those who at some time will have the responsibility of dealing with children in the family, the school, or in other community agencies. It is believed that intelligent guidance springs from a knowledge of child development as well as from the wholesome attitudes a student should acquire as a result of concentration in this field. In order to deepen the insights and understandings gained in class offerings, the College maintains a preschool laboratory which provides educational programs for children between the ages of three to six years. Thus students have the opportunity for supervised participation and directed observation on campus.

Students in this department on *Plan B'* may follow a program which has been approved for teacher certification by the State Education Department.

### Major

Required courses: Child Study 22, 25, 26, 30, 80, Psychology 50 and Education 34; for students on *Plan B'*, Child Study 50.

Elective courses: Child Study 23, 29, 41, 42, 46 and 48.  
F.A. 29, Music 11, Science 1.

### Minor

Courses chosen with departmental guidance.

### Child Study 22 Child Psychology

Introduction to the study of the child; a basic course, dealing with the behavior of children from birth to adolescence; heredity; the characteristics of the new-born; physical, emotional, social, mental, and religious development; language development. Directed observation of children in the home and in the preschool.

**Requisite:** For majors, Psychology 11 or Education 15 should precede this course or be taken concurrently.

3 hours a week, 1 semester, 3 points

### **Child Study 23 The Religious Development of Young Children**

An investigation into the child's psychic processes as they relate to his orientation as a religious being. Introduction to the guidance of the cognitive, volitional, and affective aspects of religious experience.

2 hours a week, 1 semester, 2 points      On demand

### **Child Study 25 Problems and Guidance in Child Development**

A study of the prenatal factors in development. The relation of physical and motor growth to other aspects of development. Formation of desirable habits. Problems in training. Parent questions.

2 hours a week, 1 semester, 2 points

### **Child Study 26 Personality Study of the Young Child**

The dynamic integration of the biological, sociological, and self-determining factors of growth illustrated by intensive study of an individual child. Survey of current trends in analysis and measurement of personality and character. Approach to behavior problems through case studies. The parent-child relationship and the effect of the family on its members.

2 hours a week, 1 semester, 2 points

### **Child Study 29 The Psychology of Early Childhood Activities**

A consideration of the function and value of play in the life of the young child. Theories of play. Observation of age-level and environmental differences in development of various play activities. Role of the guidance person.

2 hours a week, 1 semester, 2 points

### **Child Study 30 Principles of Early Childhood Education**

A study of the principles and objectives of education in the nursery school, kindergarten, and primary grades. Evaluation of current practice in the light of historical foundations. Procedures of administration and organization.

3 hours a week, 1 semester, 3 points

*Child Study 41, 42, 46 and 48 stress the psychological foundations in child growth upon which acquisition of knowledge and skill in the arts and sciences is based.*

### Child Study 41 Creative Arts for Young Children

An introduction to handicrafts as a means of enriching the development of children from two to eight years of age. A study of artistic expression in early childhood and the guidance thereof. Student opportunities for practice with a variety of media.

2 hours a week, 1 semester, 2 points

### Child Study 42 Music for Young Children

An investigation and appreciation of the musical interests and abilities of children from two to eight years of age. Rhythms, songs, musical instruments, plays and games in the programs of early childhood education.

2 hours a week, 1 semester, 2 points

### Child Study 46 The Language Arts for Children

Development and function of oral and written communication in childhood. Reading readiness and beginning reading; manuscript writing; spelling. Survey and critical study of available literary materials suitable for children. Student opportunities for creative writing and story-telling.

3 hours a week, 1 semester, 3 points

### Child Study 48 The Natural and Social Sciences and Mathematics for Children

Interaction of the natural and social sciences and mathematics with the daily life and activities of the child. Program provision for child growth in adequate relationships with people, things, and numbers.

3 hours a week, 1 semester, 3 points

## Child Study 50 Supervised Practice Teaching in the Nursery School, Kindergarten, and Primary Grades

Observation and practice teaching hours arranged to meet certain requirements for prospective teachers of young children. Two additional hours scheduled each week for conference work, reports, supplementary reading, and discussion of problems.

Prerequisites: Approved second speech course; Approval Faculty Recommendation Committee.

2 lecture periods and 15 hours of observation and student teaching a week.

1 semester, 6 points

## Child Study 80 Seminar in Child Study

Individual intensive study of a major problem in the field.

Required of all majors in Senior year.

1 hour a week, 1 semester, 1 point





## *Classical Languages*

SISTER ANN EDMUND, M.A.  
SISTER SAINT MALACHY, M.A.

Required courses for students beginning the language in College:  
Latin 1, 2 and 6.

Required courses for students offering credit in Latin at entrance:  
One year of Latin *or* Greek 31 and Latin 31.

### GREEK

The aim of the course in Greek is to give an appreciation of this greatest of literatures and to acquaint the students with the thought of a people who produced poetry and art, political thinking and philosophy of the highest value; whose literature formed the basis of education for centuries and when brought to light a second time, produced a rebirth in the intellectual life of Europe.

#### Greek 31 History of Greek Civilization

Lectures, readings and discussions. Origin of and chief elements in mythology, art, literature and material progress of the ancient Greeks; their political development and national life; their systems of philosophy and principles of education; their expansion, colonies and intercourse with other peoples; their influence on modern art, literature and education. Visits to art museums of the metropolitan area are encouraged.

2 hours a week, 1 semester, 2 points      Fall

### LATIN

The courses in Latin aim to impart an accurate training in this most logical of languages. It is further desired to show the relation of Latin literature to Greek as its model and source of inspiration and to modern literatures both as model and teacher. To Catholic students this language and the civilization of which it forms a part cannot be considered as dead and must continue to be a source of interest and cultivation.



## Latin 1 Elementary

Elements of Latin; forms and essential principles of syntax; exercises in reading and writing Latin.

Open to students who have had no Latin.

2 hours a week, 1 semester, 2 points

## Latin 2 Elementary

Elements of Latin continued; further study of principles of syntax; simple Latin prose composition; rapid reading of easy prose.

Open to students who have completed Latin 1.

2 hours a week, 1 semester, 2 points

## Latin 6 Intermediate Latin

The reading of selections from Lactantius and other authors with emphasis on idiomatic Latin construction in composition.

For students presenting one year of Latin.

2 hours a week, 1 semester, 2 points

## Latin 11 The Confessions of St. Augustine. Selections

Reading of the narrative portions of the *Confessions*; lectures on Patristic Latin literature covering its relation to Greek Patristic literature and to contemporary non-Christian literature, Patristic Latin syntax and vocabulary, the life and times of St. Augustine, his place in the world of thought, his varied style, the problem of his conversion, the bibliography of the *Confessions*. Oral and written reports by the students.

Prerequisite: 3 years of high school Latin.

2 hours a week, 1 semester, 2 points Fall

## Latin 22 Latin Comedy

Selected plays of Plautus and Terence; evolution of Roman drama; comparative study of the style, diction and technique of the two chief exponents of Latin comedy; meters used by Plautus and Terence; influence of Latin comedy on Shakespeare and Moliere; development of Roman theatre. Collateral readings.

Prerequisite: 3 years of high school Latin.

2 hours a week, 1 semester, 2 points Spring

## Latin 31 History of Roman Civilization

Lectures, readings, discussions. Origin of and chief elements in mythology, art, literature and material progress of the ancient Romans; Hellenistic influence on Roman civilization; Roman character as manifested in early Roman institutions and as manifested in later Roman institutions under Greek and oriental influence; evolution of Roman Republic and Empire; fundamental principles of Roman government; Roman law; Roman conquests; spread of Roman civilization; Roman philosophy and education; roads; tunnels; architecture; literature; influence of Romans on modern art, literature, education and governmental policies. Visits to art museums of the metropolitan area are encouraged.

2 hours a week, 1 semester, 2 points      Spring

## Latin 100 Liturgical Latin

Practical appreciation of Christian humanism as expressed in the Liturgy of the Church. Consideration of the important departures from classical usage. Study of *Old Testament* selections, Benediction hymns and prayers, the *Magnificat*, the *Ordinary of the Mass*, selections from the Proper of the Season, Antiphons of the Blessed Virgin, *Te Deum*, and the Corpus Christi hymns.

Open to all students.

1 hour a week, 1 semester, 1 point      Spring



## Education

SISTER JOHN RAYMOND, M.A.

DANIEL J. CAHILL, M.A.

CATHERINE KEELY, M.A.

In keeping with the dedication of the College to the education of women after the ideals of the liberal arts, the courses in education are intended to contribute to the cultural background of the student as well as to her professional preparation for the teaching field.

Students preparing to teach at the secondary level may follow a program which has been approved for teacher certification by the State Education Department.

Required courses for *Plan B* students: Education 15, 33, 34, 70, Psychology 14 and the methods course in the field of major specialization (Education 61, 62, 63, 64, 65 or 66).

Recommended courses for *Plan B* students: Psychology 11 and 50.

### Education 15 Educational Psychology

An introductory course in psychology for teachers. The methods of psychology as applied to education; the nature, amount, and causes of individual differences; the nature and use of tests of intelligence, achievement, and personality traits; the methods of handling individual differences; the psychology of learning; transfer of training; motivation and personality adjustment.

3 hours a week, 1 semester, 3 points

### Education 33 Supervised Teaching in Secondary Schools

A study of the methods employed in teaching through the observation of the work of successful teachers in the secondary schools of New York City; supplementary reading, reports, and discussions.

Prerequisites: Approved second speech course; Approval Faculty Recommendation Committee.

2 lecture periods a week, 1 semester, 2 points

Observation and practice teaching: 4 points

### Education 34 Philosophy of Education

The study of educational objectives and their relation to curriculum and method. A consideration of the philosophical principles underlying education. An analysis and evaluation of contemporary educational philosophies.

2 hours a week, 1 semester, 2 points

### Education 61    Methods of Teaching English in Secondary Schools

Textbooks, materials, audio-visual aids; State, City, and school syllabi; single and unit lesson plans; clinical and regular speech; dramatics; varied and dynamic approaches to the teaching of each literary type; testing; reading techniques, outside reading, the school library; grammar, usage, vocabulary; composition; creative writing; communication arts; remedial techniques.

2 hours a week, 1 semester, 2 points      Fall

### Education 62    Methods of Teaching Speech in Secondary Schools

Elements in the preparation of a speech teacher in secondary schools. Methods of teaching voice and diction, oral interpretation, public speaking, dramatics and play production. Special stress upon organization of the speech correction clinic and upon remedial procedures. Methods of organizing and conducting dramatic clubs and other extracurricular activities.

2 hours a week, 1 semester, 2 points      On Demand

### Education 63    Methods of Teaching History and Social Studies in Secondary Schools

A discussion of the aims, values and problems of teaching history, civics and economics; the nature of social studies and their place in education; classroom procedures and techniques; judging textbooks; measuring the results of the teaching of social studies.

2 hours a week, 1 semester, 2 points      Fall

### Education 64    Methods of Teaching Mathematics in Secondary Schools

Objectives and methods of teaching algebra, geometry, and numerical trigonometry; study of the work done by the reorganization committee; standard tests; observation; practice.

2 hours a week, 1 semester, 2 points      Fall

### Education 65    Methods of Teaching Modern Languages in Secondary Schools

Methods of teaching French and Spanish. Aims and values of teaching modern languages. Observation. Practical demonstrations.

2 hours a week, 1 semester, 2 points      Fall

### Education 66    Methods of Teaching Science in Secondary Schools

Presentation and discussion of the aims and objectives of teaching the physical and biological sciences; organization of science clubs; practical demonstrations and practice in presenting lessons.

2 hours a week, 1 semester, 2 points      Fall

### Education 67    Methods of Teaching Speech Improvement in Elementary and Junior High School

A study of the objectives and curriculum of the speech improvement program; methods of teaching; diagnostic testing; materials of instruction; demonstration and practice in teaching.

2 hours a week, 1 semester, 2 points      On Demand

### Education 70    Methods of Secondary Education

A review of the needs and interests of adolescents; the teacher and the changing secondary school curriculum; analysis and evaluation of motivation, questioning, assignment, and review procedure; lesson planning; principles involved in various lesson types; unit plan of teaching; visual instruction; diagnostic and remedial measures; use of new type examinations; classroom management, enrichment.

3 hours a week, 1 semester, 3 points



## English

SISTER JOSEPH IMMACULATE, Ph.D.

SISTER TERESA MARIE, M.A.

SISTER MARY FLORENCE, Ph.D.

DOROTHY A. KING, M.A.

SISTER GRACE MARIA, Ph.D.

English, regarded either as skill in writing and speaking or as comprehension and appreciation of literature, is a very definite step in the process of continued growth in an individual. In English and American literature, the repository of the intellectual and spiritual history of our people, lies the power to engender and foster the loftiest ideas and ideals. To this purpose, then, literature should be regarded neither as an escape from, nor a substitute for, reality, but as one of the formative experiences of civilized life. Since this function cannot be fulfilled by isolating English from the rest of the academic world, the study of literature, as taught at St. Joseph's, is regarded not only as an essential but also as an integral part of every student's intellectual development.

Required courses: English 3a or 8, 3b, 9 and 10.

Admitted to English major or minor: Students who maintain a C average in the English and speech courses required of all candidates for the B.A. degree.

### Major

Twenty-four points in English in addition to those earned in Freshman year are required.

Required courses: English 52 and 85.

### Minor

Eighteen points in English in addition to those earned in Freshman year are required.

### English 3a Composition

Analysis and application of the principles of effective writing.

Required course

2 hours o week, 1 semester, 2 points      Fall

### English 3b Composition

Introduction to methods of library research; the term paper.

Required course

1 hour o week, 1 semester, 1 point      Spring

## English 4

Narration—essentials, informational narrative, types; elements of the story—plot, characterization, setting, dialogue.

2 hours a week, 1 semester, 2 points      Spring

## English 8 Creative Writing

A course in advanced writing designed to give the student an opportunity to develop skill in the writing of the short story, the formal and informal essay, critical studies, and original verse.

2 hours a week, 1 semester, 2 points      Fall

## English 9 Introduction to Literature—Beowulf through Johnson

Readings, lectures, and class discussions designed to illustrate the development of English literature as evidenced by major trends and figures.

Required course

3 hours a week, 1 semester, 3 points

## English 10 English Literature 1798 to the present

Study of the major Romantic and Victorian poets and prose writers; selected outstanding poets and prose writers of the period 1890 to the present through reading, lectures and class discussion.

Required course

3 hours a week, 1 semester, 3 points

### INTERMEDIATE

## English 20 American Literature from 1620 - 1860

Development of American literature from the Colonial period to the Civil War with special emphasis on Irving, Poe, Hawthorne, Melville and the poets of the American Romantic Movement.

2 hours a week, 1 semester, 2 points      Fall

## English 21 American Literature from Whitman to the Present

Main trends in American poetry, fiction, and drama with special emphasis on Whitman and the new poets; the local color writers of the short story; realism and naturalism in the American novel; experiments in the American theatre.

2 hours a week, 1 semester, 2 points      Spring



### English 23 The Short Story

Readings in English, American and continental short stories with a view to introducing their origin, chief exponents and main trends.

2 hours a week, 1 semester, 2 points      Spring

### English 30 Shakespeare

A survey of the literary period of Shakespeare and its influence on the drama; reading and interpretation of Shakespearean plays; study of the structure and types of plays; written reports suggested by the study.

2 hours a week, 1 semester, 2 points      Fall

### English 31 Shakespeare

The study indicated in English 30 continued in further detail; reading and interpretation of other plays of Shakespeare not studied in the preceding course; written reports suggested by the study.

2 hours a week, 1 semester, 2 points      Spring

### English 33 Prose and Poetry of the Early Nineteenth Century

English Romanticism as reflected in the work of the more important poets and essayists of the first half of the Nineteenth Century; the poetry of Wordsworth, Coleridge, Shelley, Byron, and Keats; prose of Lamb, Hazlitt and DeQuincy; assigned readings, lectures and class discussion.

2 hours a week, 1 semester, 2 points      Fall

### English 34 Prose and Poetry of the Last Half of the Nineteenth Century

A study of representative Victorian poets and prose writers; Tennyson, Browning, Carlyle, Ruskin, Huxley, Arnold and Newman; current social and intellectual movements with relation to the literature of the period.

2 hours a week, 1 semester, 2 points      Spring

### English 56 Contemporary Catholic Literary Activity

A survey of important movements in the current Catholic Renaissance; detailed consideration of the rise and growth of a specifically Catholic poetry, exemplified in Hopkins, Péguy, Eliot, Robert Lowell and Merton; a study of the expression of Catholic thought as revealed in the drama, the essay, the short story and the novel by writers like Claudel, Knox, Waugh, J. F. Powers, Graham Greene, Bernanos, Bloy, Mauriac, and Sigrid Undset.

2 hours a week, 1 semester, 2 points      Fall



## English 80 Milton

Reading and interpretation of *Paradise Lost*, *Paradise Regained*, *Samson Agonistes*, together with Milton's minor poems and selections from his prose. Class discussions and reports suggested by the study.

2 hours a week, 1 semester, 2 points Spring

### ADVANCED

## English 18 Medieval Literature

A study of the life and literature of the Middle Ages, with particular reference to the years 1200 to 1500; selected readings from the "matter of Britain", the "matter of France", and the "matter of Rome", together with the more distinctly English romances; special attention to the more important of the *Canterbury Tales*.

2 hours a week, 1 semester, 2 points Spring

## English 19 Literature of the English Renaissance

English non-dramatic literature in the Tudor period as exhibited in Saint Thomas More and the English Humanists, the Court poets of Henry VIII; Elizabethan verse and prose.

2 hours a week, 1 semester, 2 points Fall

## English 35 Drama: The Greeks to Ibsen

Development of the drama from its beginnings in the Greek plays through the drama of the Nineteenth Century to Ibsen; lectures, class discussions, and class readings on the history of the drama, the content of the plays, the development of stagecraft, continental influences.

2 hours a week, 1 semester, 2 points Fall

## English 36 Drama: Ibsen to Maxwell Anderson

Course carried along the same lines as English 35; attention to the rise of new social and dramatic problems; lectures, assigned reading, discussion.

2 hours a week, 1 semester, 2 points Spring

## English 41 The Rise and Development of the Novel

Reading, reports and lectures on the English, the continental and the American novel from its rise through the Nineteenth Century.

2 hours a week, 1 semester, 2 points Fall

## English 42 The Twentieth Century Novel

Course carried along the same lines as English 41 with special emphasis on the trends and literary tendencies of the English, the continental and the American novel of the Twentieth Century.

2 hours a week, 1 semester, 2 points Spring

## English 52 Literary Criticism

A survey of the principles and theories of literary criticism, with particular attention to such critical problems as the nature and function of art, literary criteria and the relation between art and morality.

Required of English majors in senior year

2 hours a week, 1 semester, 2 points      Fall

## English 82 Dante's *Divina Commedia*

Reading, study and reports on Dante's *Divina Commedia* in English with attention to its influence on literature.

2 hours a week, 1 semester, 2 points      Fall

## English 85 Seminar in Literature

Study of the methods and techniques of literary research and development of a project in literary research.

Required of English majors in senior year

1 hour a week, 1 semester, 1 point      Spring

## English 105 Chaucer

A study of Chaucer as a man and a poet; tracing the development of his art and its relation to the social, cultural and religious background of the Fourteenth Century; special emphasis on the *Canterbury Tales*.

Open only to English majors

2 hours a week, 1 semester, 2 points      Fall

## English 115 Seventeenth-Century Literature

The prose and poetry of the Seventeenth Century with the political and social backgrounds; the Puritan, the Cavalier and the Metaphysical writers of the century.

2 hours a week, 1 semester, 2 points      Fall

## English 122 Eighteenth-Century Literature

The prose and poetry of the Eighteenth Century with the political and social backgrounds; a study of literature from the time of Pope, Swift, Gay, Addison, Steele, through the days of Dr. Johnson and his circle; discussion of the beginnings of romanticism.

2 hours a week, 1 semester, 2 points      Spring

## English 130 Advanced Study of Major American Writers

Detailed and intensive biographical, bibliographical and critical analysis of Edgar Allan Poe, Walt Whitman and Mark Twain.

Prerequisites: English 20 or 21.

Open only to English majors and minors

2 hours a week, 1 semester, 2 points      Fall

## English 131 Advanced Study of Major American Writers

Detailed and intensive biographical, bibliographical and critical analysis of T. S. Eliot, Ernest Hemingway, and Thomas Wolfe.

Prerequisites: English 20 or 21.

Open only to English majors and minors

2 hours a week, 1 semester, 2 points      Spring



## *Fine Arts*

ARMAND J. JACOPIN, M.A.

### **Fine Arts 26 Appreciation of Ancient and Medieval Art**

A study of the creative impulse in man as expressed in painting, sculpture, architecture, and the minor arts from paleolithic times through Gothic art. An attempt to foster an understanding of art with more attention to the particular qualities resident in art objects than to their authors, period, or historical environment. Illustrated lectures, discussion, field trips to local museums.

2 hours a week, 1 semester, 2 points      Fall 1963

### **Fine Arts 27 Appreciation of Renaissance and Modern Art**

A continuation of Fine Arts 26. The Renaissance through the Twentieth Century.

2 hours a week, 1 semester, 2 points      Spring 1964

### **Fine Arts 28 Introduction to Modern Art**

A survey of modern painting, sculpture, and architecture from the late Nineteenth Century to the present. Study of the fundamental principles of art through analysis and discussion of representative works, with the purpose of developing aesthetic judgment. Illustrated lectures, discussions, field trips to local museums and galleries.

2 hours a week, 1 semester, 2 points      Fall 1962

### **Fine Arts 29 Fundamentals of Art**

An introduction to the fine and functional arts; discussion of the relationship of art to human needs and the role of art in daily life, the community, school, home, and religion. Acquaintance with materials, processes, and organization which influence the development and form of art objects.

2 hours a week, 1 semester, 2 points      Spring 1963

## History

SISTER JOAN de LOURDES, Ph.D.  
SISTER TERESA AVILA, Ph.D.  
SISTER JOSEPH DAMIEN, Ph.D.  
ARMAND J. JACOPIN, M.A.  
DR. STEPHEN C. Y. PAN, Ph.D., LL.D.

The courses in history are semestral and are arranged to meet the needs not only of history majors, but also of all students who are interested in history for its cultural value. The aim of the several courses is to present a general survey of civilization and a more intensive analysis of more specialized fields, in order that the student may acquire a deeper appreciation of the historical process, so necessary for intelligent citizenship.

Required courses: History 1 or 110, 2 or 111, and 70.

### Major

The comprehensive examination given in the Senior year will test the student's mastery of ancient, medieval, and modern history.

A Senior thesis is due May 15 of the year of graduation.

Required courses: History 1 or 110 and 2 or 111, 12, 13, 20 or 21, 46, 47 and 61.

### Minor

Points for History 1 or 110 and 2 or 111 may be offered toward the eighteen required.

### History 1 Survey of Medieval Civilization

The development of western civilization from the decline of the Roman Empire to the Fourteenth Century Renaissance. The fusion of classical, Christian, and Teutonic elements in medieval culture. The evolution of burgher-controlled society and capitalistic economy.

Required course

3 hours a week, 1 semester, 3 points      Fall

## History 110 Source Problems in European Civilization I

Covers the same time period as History 1. However, it is more selective and intensive with emphasis on critical evaluation of source materials.

Open only to selected students      Fall

## History 2 Survey of Modern Civilization

The development of western civilization from the formation of national states to the present. The rise of national patriotism; overseas explorations; the intellectual revolution; the transition from agricultural to industrial society; the governmental, technological, sociological and cultural phases of the contemporary scene.

Required course

3 hours a week, 1 semester, 3 points      Spring

## History 111 Source Problems in European Civilization II

Covers the same time period as History 2 in the same manner as History 110.

Open only to selected students      Spring

## History 6 The Enlightenment

Rise of the modern scientific spirit and its influence in the spheres of religious, political and economic thought. The impact of mercantilism upon the European states system. The struggle for power among the European states in the Mediterranean, Baltic and Atlantic areas. France on the eve of the Revolution. The Romantic protest against the Age of Reason.

2 hours a week, 1 semester, 2 points      Fall 1963

## History 7 The Renaissance

The development of the humanistic spirit; arts and sciences in the Renaissance world; religious revolution and reform; the expansion of Europe beyond the seas; the rise of modern capitalism; the commercial revolution; dynastic consolidation; the European state system from the Fourteenth to the Sixteenth Centuries.

2 hours a week, 1 semester, 2 points      Fall 1962

## History 8 The Age of the Baroque

Europe in the late Sixteenth and Seventeenth Centuries. The pattern of politics and religion; the waning of Spanish influence; the Dutch ascendancy; the Thirty Years War; development of the modern state, absolute and limited; Mercantilism; the Baroque in art, music, letters; the awakening of modern science.

2 hours a week, 1 semester, 2 points      Spring 1963

## History 11 American Foreign Relations

Development of American policies with reference to Europe, Latin-America, Asia and Africa; American diplomacy during two World Wars; problems of neutrality, belligerency, and coexistence. The method used is reading and analysis of major state papers and documents in their historical setting.

3 hours a week, 1 semester, 3 points      Fall 1963

## History 12 The American Nations I

Major emphasis is on United States History from 1763-1865 with some attention to related hemispheric history such as the impact of the United States revolutionary movement on both Canada and Latin America, the evolution of political institutions, the development of economic patterns, and the factors producing change.

3 hours a week, 1 semester, 3 points      Fall

## History 13 The American Nations II

The growth and emergence of the United States as an industrial giant and world leader in the period 1865 to the present, studied in the light of hemispheric developments and world changes.

3 hours a week, 1 semester, 3 points      Spring

## History 15 Studies in American Social and Intellectual History

The non-political aspects of our history: social customs; economic influences; racial contributions; literary, artistic and scientific trends; educational and religious problems and reform movements. Discussion of selected topics.

2 hours a week, 1 semester, 2 points      Fall 1962



## History 16 History of New York State and the City of New York

The history of the colony and state from its founding to the present. Emphasis on the social, economic and cultural development of both state and city. The important part taken by New York in national affairs. An introduction to the depositories of materials on local history.

2 hours a week, 1 semester, 2 points      Spring 1963

## History 18 The Development of the American West

The colonial frontier; crossing the Appalachians; the West in American diplomacy; the West in American political life; the trans-Mississippi West; Manifest Destiny; Indian relations; changing land policy; opening the Great Plains; the reforming West; Turner's frontier thesis; contemporary issues.

2 hours a week, 1 semester, 2 points      Spring 1964

## History 19 Beginnings of the American People

Discovery, exploration and colonization of North America by Europeans; social, economic and political development of the English colonies; influence of the colonial period on American institutions.

2 hours a week, 1 semester, 2 points      Fall 1963

## History 20 England to 1660

The pre-Norman and feudal periods; medieval social and constitutional developments; the Tudor monarchy and the Puritan Revolution; the new economic and constitutional structure; the foundation of the empire.

3 hours a week, 1 semester, 3 points      Fall

## History 21 The British Empire Since 1660

Restoration, revolution, Eighteenth Century thought and institutions; the agricultural and industrial revolutions; the duel with France; the age of reform; European and imperial relations in the Nineteenth Century; the advent of democracy; the British Commonwealth of Nations.

3 hours a week, 1 semester, 3 points      Spring



## History 31 The Ancient World

Egyptian civilization; Babylonia; Assyria; the Persian Empire; Phoenicia; Palestine; Arabia; the Aegean world.

2 hours a week, 1 semester, 2 points      Fall 1963

## History 35 Modern Africa

A survey of contemporary Africa with emphasis upon internal history since World War II.

2 hours a week, 1 semester, 2 points      Fall 1963

## History 36 History of Modern Asia

Internal history of China, Japan, India in the twentieth century, surveying major problems and tensions. The emergence of new nations in Southeast Asia and Middle East.

2 hours a week, 1 semester, 2 points      Spring 1964

## History 38 Twentieth Century World

Discussion of contemporary problems arising from the inter-relationships of major world areas.

2 hours a week, 1 semester, 2 points      Spring

## History 44 History of Modern Russia

A survey of Russian development from the emancipation of the serfs to the present; changes in political institutions, social structure, ethical and artistic standards. The aim of the course is to lay the groundwork for understanding the Soviet regime today.

2 hours a week, 1 semester, 2 points      Spring      1963

## History 45 Studies in Western European Cultural and Intellectual History Since 1800

Intellectual trends in the new scientific and technological age; romanticism in music and the arts; realism in literature; revolt in the arts; the nature of culture in a mass-production era.

2 hours a week, 1 semester, 2 points      Spring 1964

## History 46 Continental Europe, 1789 - 1870

A decade of revolution, 1789-1799; Napoleon and France; Napoleon and Europe; the Congress of Vienna and the Concert of Europe; the rise of political and economic liberalism; the spread of nationalism and romanticism; the revolution of 1848 and its aftermath, Crimean War, Second French Empire; Realpolitik and the breakdown of the Congress system.

3 hours a week, 1 semester, 3 points      Fall

## History 47 Continental Europe, 1870 to the Present

Continued development of the Industrial Revolution; growth of materialism; expansion of Democracy, Trade Unionism, Socialism; the Bismarckian system; the new Imperialism; the trend toward international anarchy; World War I; post-War problems; attempts at international cooperation; the rise of totalitarian governments; the breakdown of international cooperation.

3 hours a week, 1 semester, 3 points      Spring

## History 48 History of East Central Europe

The political evolution of the nations lying between Germany and the Soviet Union, between the Baltic and the Aegean Seas; their religious heritage; their cultural and social backgrounds; their economic problems.

2 hours a week, 1 semester, 2 points      Fall 1962

## History 51 Latin American History

Spain and Portugal in the New World; problems of the colonial period; the revolutions; rise of dictators; Latin America and the two World Wars; the Organization of American States; the Rio Pact; the Communist threat; recent events in individual countries.

2 hours a week, 1 semester, 2 points      Fall 1962

## History 61 Historical Method—Seminar

Introduction to the principles of historical criticism and the methods of historical research; the examination of a restricted field of history as a laboratory subject; the preparation of reports and the required thesis.

2 hours a week, 1 semester, 2 points      Spring

## History 70 The History of the Catholic Church

The conflict with the Roman Empire; Greek thought and the rise of heresy; conversion of the barbarians. The struggle between the revived Empire and the Papacy; the Church triumphant; the Renaissance. The Protestant Revolt, The Catholic Reformation. The challenge of national Catholicism; the Age of Pope Pius IX; the position of the Church in the major states of Europe and America since 1878.

Required of Juniors

2 hours a week, 1 semester, 2 points      Fall and Spring

## History 73 History of the Catholic Church in the United States

Establishment of the Church in America; opposition to the Church in colonial times; expansion; problems in urban and rural areas; the Church and education; the Church and labor; effects of the Vatican Council in America; current problems arising from naturalism, materialism, racism and secularism.

2 hours a week, 1 semester, 2 points      On Demand



## *Mathematics*

SISTER MARGARET URSULA, M.A.

MARGARETE W. HOPKINS, Ph.D.

SISTER MARY JOEL, M.S.

These courses in mathematics aim to provide the student with a broad cultural appreciation of the significance of mathematics both in itself and as a force in contemporary civilization. They serve as a part of liberal education, as a professional background, or as a preparation for advanced work in higher mathematics or science.

### Major

Required courses: Mathematics 120, 121, 122, 123, 71.

### Minor

Courses chosen with departmental guidance.

### Mathematics 1 Mathematical Analysis

The function concept; graphs; problems of variation; trigonometric concepts, solution of right and oblique triangles; solution of equations.

3 hours a week, 1 semester, 3 points      Fall

### Mathematics 2b Introduction to Statistics

Frequency distributions; measures of central tendency and of variability or dispersion; skewness and kurtosis; simple correlation.

3 hours a week, 1 semester, 3 points      Spring

### Mathematics 112 Fundamentals of Mathematics

Elementary symbolic logic; number systems; scales of notation; sets and Boolean Algebra; binomial theorem; permutations; combinations.

3 hours a week, 1 semester, 3 points      Fall

### Mathematics 113 Fundamentals of Mathematics

Rectangular coordinates; conic sections; function concept; calculus.

3 hours a week, 1 semester, 3 points      Spring

## Mathematics 120 Calculus and Analytic Geometry I

Analytic geometry of the straight line, circle and conics; polynomials and their graphs; elements of the differential calculus.

3 hours a week, 1 semester, 3 points      Fall

## Mathematics 121 Calculus and Analytic Geometry II

Differential and integral calculus of algebraic and transcendental functions; further topics in analytic geometry.

3 hours a week, 1 semester, 3 points      Spring

## Mathematics 122 Calculus and Analytic Geometry III

Advanced integration, applications; mean value theorem and related topics. Parametric equations; polar coordinates.

3 hours a week, 1 semester, 3 points      Fall

## Mathematics 123 Calculus and Analytic Geometry IV

Series: improper integrals; hyperbolic functions; partial differentiation; Taylor's series; solid analytic geometry; curves and surfaces in space; multiple integrals.

3 hours a week, 1 semester, 3 points      Spring

## Mathematics 22 Differential Equations

Ordinary and partial; homogeneous, linear, first and second order.

Prerequisite: Mathematics 123

3 hours a week, 1 semester, 3 points

## Mathematics 26 Advanced Calculus

The number system; Dedekind cuts; bounds; elements of set theory; limits; continuity; uniform continuity.

3 hours a week, 1 semester, 3 points      On Demand

## Mathematics 27 Advanced Calculus

Sequences and series; functions of several variables; integrals of functions of several real variables; line integrals; Green's theorem; Fourier series.

3 hours a week, 1 semester, 3 points      On Demand

## Mathematics 41 History of Mathematics

Development of mathematics from ancient days to recent times. Lectures, readings and discussions.

Recommended for prospective teachers.

3 hours a week, 1 semester, 3 points

## Mathematics 71 Seminar

Special topics in the field of modern mathematics and in advanced calculus.

Required of mathematics majors in Senior year

1 hour a week, 1 semester, 1 point Spring

## Mathematics 102 Introduction to Modern Algebra

Elementary properties of groups, rings, and fields; matrices; determinants.

3 hours a week, 1 semester, 3 points Fall

## Mathematics 103 Introduction to Modern Geometry

Properties of the triangle and of circles; inversion; cross ratio; principle of duality; basic theory in projective and non-Euclidean geometry.

3 hours a week, 1 semester, 3 points Spring

## Mathematics 104 Mathematics of Finance

Interest; discount; annuities; amortization; sinking funds; bonds; depreciation.

3 hours a week, 1 semester, 3 points Fall

## Mathematics 105 Probability and Statistics

Permutations; combinations; binomial theorem; collection and analysis of statistical data; frequency distribution; averages; normal curve; curve fitting; linear correlation; tests of significance.

3 hours a week, 1 semester, 3 points Spring

## *Modern Languages*

ESTHER RAFFALLI, Diplômée

JOSEPHINE NORMA MALLIA, M.A.

REV. GENNARO D'ECCLESIIIS, Ph.D.

EVA B. LANGE, Ph.D.

GEORGE S. MONAHAN, Ph.D.

The Modern Language Department aims to develop in students proficiency in reading, writing, understanding and speaking the foreign language; an interest in and enjoyment of literary classics in the original; and an appreciation of the culture and ways of life of the foreign country.

Any student beginning the study of a modern language is required to take four semesters of it, if that language is being offered to satisfy the requirement for graduation.

A classification examination is required of all Freshmen to determine the proper course in which a student is to begin her language study at the College. In the case of students who, as a result of the examination, are placed in French 1 or 2, German 1 or 2, or Spanish 1 or 2, four semesters of the language are required; students who are placed in French 23, German 3, or Spanish 50, are required to take three semesters of the language; those who are placed in French 24, German 9 or Spanish 51, are required to take two semesters.

All students are required to take an examination to determine their comprehension ability in French, German, or Spanish. The examination must be taken for the first time not later than the fourth semester. Students, however, entering the College with three years of a language must take the examination in their second semester. Students will not be admitted to the seventh semester unless they have fulfilled this requirement.

A student who begins the study of French or Spanish in the college will be permitted to major in that language, but French 1 and 2 and Spanish 1 and 2 will not be credited toward the major.

No student choosing a language as an elective will receive credit for French 1, German 1, or Spanish 1, unless she continues with French 2, German 2, or Spanish 2.



## FRENCH

Prerequisites for all advanced literature courses: French 24 and 25 or their equivalents.

A minimum grade of C is required in all college French courses taken before the declaration of major or minor.

### Major

Required courses for students entering with two years of the language: French 23, 24, 25, 26, 10, 11, 16 and 22.

Required courses for students entering with three or four years of the language: French 24, 25, 26, 10, 11, 16, 22 and 13 or 14.

### Minor

Required courses for students beginning the language in college: French 1, 2, 23, 24, 25 and 26.

Required courses for students entering with two years of the language: French 23, 24, 25, 26, 10 and 11.

Required courses for students entering with three or four years of the language: French 24, 25, 26, 10, 11 and 16 or 22.

### INTRODUCTORY

#### French 1 Elementary

Fundamentals of grammar and pronunciation for beginners; exercises in conversation; supplementary outside readings.

3 hours a week, 1 semester, 3 points      Fall

#### French 2 Elementary

Continuation of French 1; fundamentals of grammar completed; continued drill in oral and written French; supplementary outside readings.

Open to students offering French 1  
3 hours a week, 1 semester, 3 points      Spring

#### French 23 Intermediate

A reading course in French civilization. Exercises in diction; conversational practice; supplementary outside readings.

Open to students offering French 2 or two years of high school French  
3 hours a week, 1 semester, 3 points      Fall



## French 24 French Composition and Style

Advanced study of grammar; vocabulary and idioms; exercises in translation from English to French; free composition.

Open to students offering French 23 or three years of high school French  
3 hours a week, 1 semester, 3 points Fall and Spring

## French 25 Phonetics and Conversation

A study of the principles of phonetics including phonetic transcription; diction and intonation exercise in the reading of French prose and poetry; intensive oral practice in selected topics of conversation.

Open to students offering French 24 or its equivalent  
3 hours a week, 1 semester, 3 points Fall and Spring

### ADVANCED

## French 10 General Literature

History of French literature from the *Chanson de Roland* to the end of the Golden Age; assigned readings in French from representative authors supplementing the lectures and recitation. A number of class periods devoted to student reports. Conducted in French.

3 hours a week, 1 semester, 3 points

## French 11 General Literature

History of French literature of the Eighteenth and Nineteenth Centuries; outside readings and reports as in French 10. Conducted in French.

3 hours a week, 1 semester, 3 points

## French 13 Survey of French Novel

A study of the French novel from the Seventeenth Century to Proust. Outside readings and reports. Conducted in French.

3 hours a week, 1 semester, 3 points

## French 14 Romantic Period of French Literature

Rousseau, Chateaubriand, Mme de Staël, Lamartine, Vigny, Musset, Hugo. Conducted in French.

3 hours a week, 1 semester, 3 points

## French 16 French Civilization

An introduction to the civilization and the culture of the French people, their geography, history and institutions; French architecture, painting, sculpture and music; outside readings and research.

3 hours a week, 1 semester, 3 points

## French 22 Study of Modern Literature

Study of trends in Modern French Literature and the works of representative modern and contemporary authors. Outside readings; class discussion and reports. Conducted in French.

3 hours a week, 1 semester, 3 points

## French 26 Introduction to France's Golden Age

Corneille, Racine, Molière. Conducted in French.

3 hours a week, 1 semester, 3 points

## GERMAN

### INTRODUCTORY

## German 1 Elementary I

Elements of German grammar, pronunciation, simple reading. The elementary courses primarily stress the reading aim.

3 hours a week, 1 semester, 3 points      Fall

## German 2 Elementary II

Completion of basic grammar, reading of prose; a more systematic study of syntax; vocabulary building (cognates, synonyms, word formation, etc.); oral and written practice.

3 hours a week, 1 semester, 3 points      Spring

## German 3 Intermediate I

A rapid grammar review, reading of prose, poetry, and scientific material, composition, oral practice.

Open to students who have completed German 1 and 2 or who offer two years of high school German.

3 hours a week, 1 semester, 3 points      Fall

## German 9 Intermediate II

Introduction to German literature, scientific material, and other material in the field of the student's specialization.

Required of students who have completed German 3 or who offer three or more years of high school German.

3 hours a week, 1 semester, 3 points      Spring

ADVANCED

German 14

Reading in German classical literature. Selections from Lessing, Goethe, and Schiller, drama and poetry. Study of the lives of these authors and the background of their time.

Open to students who have completed German 9.  
3 hours a week, 1 semester, 3 points      Fall

ADVANCED

German 15    The German "Novelle" of the Nineteenth Century

A study of the "Novelle" from the Romantic Period to Naturalism. Tieck, Kleist, Brentano, Fouque, Hoffman, Eichendorff, Droste-Hulshoff, Keller, Storm, Meyer, Hauptmann,.

Open to students who have completed German 14.  
3 hours a week, 1 semester, 3 points      Spring

SPANISH

Prerequisites for all advanced literature courses: Spanish 50 and 51 or their equivalents.

It is advisable to take Spanish 30 before taking Spanish 23.

A minimum grade of C is required in all college Spanish courses taken before the declaration of major or minor in Spanish.

Major

Required courses for students entering with two years of the language: Spanish 50, 51, 13, 30, 23, 31, 32 and 38.

Required courses for students entering with three or four years of the language: Spanish 51, 13, 30, 23, 31, 32, 38, 41 or 42.

Minor

Required courses for students beginning the language in college: Spanish 1, 2, 50, 51, 30 and 23.

Required courses for students entering with two years of the language: Spanish 50, 51, 30, 23, 32 and 38.

Required courses for students entering with three or four years of the language: Spanish 51, 30, 23, 31, 32 and 38.

INTRODUCTORY

## Spanish 1 Elementary

Fundamentals in grammar; exercises in reading and speaking simple Spanish.

Open to beginners

3 hours a week, 1 semester, 3 points      Fall

## Spanish 2 Elementary

Complete essentials in Spanish grammar with an intensive study of the subjunctive; vocabulary building; idioms. Reading of simple literary selections.

Open to students who have completed Spanish 1

3 hours a week, 1 semester, 3 points      Spring

## Spanish 50 Intermediate

Grammar review; vocabulary building; idioms; composition exercises. Introduction to Spanish-American civilization. Selected readings from the history of Spanish-American countries and their relations with the United States.

Open to students who have completed Spanish 1 and 2 and to those offering two years of high school Spanish

3 hours a week, 1 semester, 3 points      Fall

## Spanish 51 Intermediate

Commercial Spanish. Letters of courtesy and simple commercial transactions; introduction to frequently used intricacies of the Spanish language. Selected readings. Sight readings in the various major fields.

Open to students who have completed Spanish 50 and to those offering three or more years of high school Spanish

3 hours a week, 1 semester, 3 points      Fall and Spring

ADVANCED

## Spanish 13 Spanish Civilization

A study of the physical environment of Spain; the Spanish race; institutions of old and modern Spain; architecture, music and painting.

3 hours a week, 1 semester, 3 points

## Spanish 23 Spanish Composition and Conversation

Advanced vocabulary and idioms. Original composition. Conversation and discussion on selected topics. Short story telling.

3 hours a week, 1 semester, 3 points      Fall and Spring

## Spanish 30 Survey of Spanish Literature

Readings and discussions of the representative authors of each period. Intensive study of *Cantar del Mio Cid*; old ballads; the Picaresque novel. Conducted in Spanish

3 hours a week, 1 semester, 3 points      Fall and Spring

## Spanish 31 Drama of the Golden Age

A careful study and evaluation of Calderón and Lope de Vega; outside reading supplemented by lectures on works of Tirso de Molina, Ruiz de Alarcón and Guillén de Castro. Discussions and written reports. Conducted in Spanish.

3 hours a week, 1 semester, 3 points

## Spanish 32 Novel of the Golden Age: Cervantes

Careful reading and interpretation of *Don Quijote*, with the aim of providing a comprehensive view of Cervantes, including a study of the technique and construction of his works. Conducted in Spanish.

3 hours a week, 1 semester, 3 points

## Spanish 38 The Modernist Movement in Spanish-America and Spain

The precursors. Rubén Darío and his followers. Outstanding study of the development of this movement in Spanish-America; writers of the movement in Spain. Lectures, discussions and written reports in Spanish.

3 hours a week, 1 semester, 3 points

## Spanish 41 19th and 20th Centuries' Literary Production

Development of the novel from the Romantic Period. Pérez Galdós and his contemporaries; the Naturalistic School. The "Generación del '98". Novelist and essayists. Discussions and written reports in Spanish.

3 hours a week, 1 semester, 3 points

## Spanish 42 Contemporary Drama

Study and evaluation of the outstanding works of the Romantic Period. Detailed study of the most important dramatists of the Twentieth Century in Spain and Spanish-America. Discussions and written reports in Spanish, supplemented by lectures. Conducted in Spanish.

3 hours a week, 1 semester, 3 points

## Music

REVEREND GENNARO D'ECCLESIIIS, Ph.D.

Required course: Music A1.

### Music 2 The Opera

The evolution of the opera; historical background of the great composers. Representative recordings to supplement the lectures. Musico-dramatic analysis of several individual operas.

2 hours a week, 1 semester, 2 points      Spring

### Music 5 Introduction to Music

Music an art and a humanity; the elements of music: melody, harmony, rhythm, form. The orchestra: instruments, the art of orchestration. Important aspects of Nineteenth Century music: the song, program music, the symphony, concerto and opera.

2 hours a week, 1 semester, 2 points      Spring and Fall

### Music 6 Introduction to Music

Continuation of Music 5. More materials of music: keys and scales. The Viennese School of the Eighteenth Century. The Medieval, the Renaissance and the Baroque periods. The Modern and Contemporary scenes.

Prerequisite: Music 5 or consent of the Instructor

2 hours a week, 1 semester, 2 points      Spring and Fall

### Music 11 Elementary Theory and Ear Training

An integrated course in music techniques involving the basic elements of rhythmic and tonal patterns and their relation to aural recognition. Intervals, scales, melody writing, analysis, simple melodic dictation.

No prerequisites

Recommended for Child Study majors

2 hours a week, 1 semester, 2 points      Spring

### Music A1 Liturgical Chant

An integration of the liturgy of the Mass and Gregorian Chant. A course designed to acquaint the student with the Ordinary of the more commonly sung Masses and the responses at Mass. Study of *The Mediator Dei* and the Instruction on Sacred Music and the Sacred Liturgy of Pius XII.

Required of Freshmen

1 hour a week, 1 semester, 1 point      Fall



## Philosophy

REVEREND JOHN C. HESSION, M.A.

EDWARD P. MAHONEY, M.A.

STANLEY A. NEVINS, M.A.

The student pursuing the philosophy courses at St. Joseph's is experiencing natural wisdom, "the acquired knowledge of things in their highest rational causes." The courses have been ordered so that they follow as closely as possible the educational pattern recommended by St. Thomas. The student should begin to feel the excitement of Thomas' ideas and should imbibe something of his gracious but painstaking philosophical spirit. She should see clearly at the same time that while philosophy and theology are separate wisdoms, philosophy supplies the rational foundation on which theology builds.

Required courses: Philosophy 13, 14, 15, 16, 17 and 18.

### Philosophy 13 Faith and Reason

An introduction to the sciences of philosophy and of theology. Each science is defined, its divisions are given and its major problems are discussed. The relation between the two is pointed out, and the way in which they provide the principle of integration for the entire curriculum is established.

Required of Freshmen in their first semester

2 hours a week, 1 semester, 2 points

### Philosophy 14 Logic

Study of the fundamental laws of the art of right thinking; the three operations of the intellect; words and concepts; predicables and categories; division and definition; composition and division; the proposition; opposition, obversion and conversion; deduction; principles and rules of the syllogism; induction; argumentation; fallacies.

Required of Freshmen in their second semester

2 hours a week, 1 semester, 2 points

## Philosophy 15    Philosophy of Nature

Principles of nature; the four causes; motion; the principle of finality; hylomorphism; time and space; philosophy and empirical science; nature of life; the soul; theories of human nature; Thomistic theory of man; immateriality and subsistence of the soul; origin and immortality of the human soul; human cognition; human appetite and will; freedom of the will, free will and determinism.

Required of Sophomores in their first semester

3 hours a week, 1 semester, 3 points

## Philosophy 16    General and Special Metaphysics

Notion of being; divisions of being; being is transcendental and analogical; the transcendentals; the composition of substance and accident; the supposit and the person; causality and the four causes; the problem of knowledge; epistemological views of Descartes, Hume and Kant; critique of perception; first principles; foundations of demonstrated knowledge; causality; spiritual beings; the existence of God and "the five ways" of St. Thomas; nature of God as known by His attributes; God and the world; the mystery of evil.

Required of Sophomores in their second semester

3 hours a week, 1 semester, 3 points

## Philosophy 17    History of Philosophy

Pagan philosophy: Greek and Roman eras; Patristic philosophy; the Scholastic synthesis; decline of Scholasticism.

Required of Juniors in their first semester

2 hours a week, 1 semester, 2 points

## Philosophy 18    History of Philosophy

Modern philosophy; Bacon and Descartes; reaction and transition in the Seventeenth and Eighteenth Centuries; Kant; idealism, positivism and traditionalism in the Nineteenth Century; pragmatism; Twentieth Century philosophies; neo-Thomism.

Required of Juniors in their second semester

2 hours a week, 1 semester, 2 points



## Physical Education

MARGARET WARD, M.A.

ELIZABETH GILBERT, B.A.

TERESA SCHNEIDER, B.A.

The courses in physical education are designed to effect the student's development in skills including coordination, accuracy, alertness, strength and endurance; beneficial use of leisure time through recreational activities; social consciousness through sportsmanship, cooperation, courtesy, leadership and followship.

Requirements: Four semesters of activity including one semester of Modern Dance, preferably in Freshman year.

### Physical Education 1

Fundamental skills and their use in volleyball, basketball, and softball.

2 hours a week, 1 semester,  $\frac{1}{4}$  point

### Physical Education 2

Fundamental skills in badminton, archery, and golf.

2 hours a week, 1 semester,  $\frac{1}{4}$  point

### Physical Education 3

Advanced skills and team play in volleyball, basketball and soft ball.

Prerequisite: Physical Education 1

2 hours a week, 1 semester,  $\frac{1}{4}$  point

### Physical Education 4

Advanced class in archery, badminton, and golf.

Prerequisite: Physical Education 2

2 hours a week, 1 semester,  $\frac{1}{4}$  point

### Physical Education 9 Appreciation of Physical Education

A course designed to give the student through observation and participation, when possible, a better understanding and appreciation of Physical Education. It includes attending classes in team sports, individual and dual sports, and modern dance.

Required of students unable to fully participate in physical activities

1 semester, 1 point, hours to be arranged

## Physical Education 11 Modern Dance

Fundamental techniques of movement stressing simplicity, directness, and freedom; exploration of movement, in space; study of the elements of rhythm and form.

2 hours a week, 1 semester,  $\frac{1}{4}$  point

## Physical Education 12 Modern Dance

Continuation and development of movement techniques; study of elements of composition; original dance studies.

Prerequisite: Physical Education 11

2 hours a week, 1 semester,  $\frac{1}{4}$  point

## Physical Education 13 Modern Dance

More advanced movement techniques; more time spent in original dance composition.

Prerequisite: Physical Education 12

2 hours a week, 1 semester,  $\frac{1}{4}$  point



## Psychology

RAYMOND C. STRASSBURGER, Ph.D.  
REVEREND JAMES J. D'AMATO, M.S.

The courses in psychology are organized and designed primarily to contribute to the student's general culture, so that she may receive a better insight into her own mind and actions, and into the minds and actions of her fellow-men. It is hoped that she leaves these courses a more efficient and socially adjusted personality.

The broad and diversified training offered in this field should serve, moreover, as an adequate basis for further graduate study, or as a foundation for one of the many vocational fields in which a knowledge of psychological principles is especially desirable.

### Major

Required courses: Psychology 11, 58, 59 and 70.

Elective courses: Child Study 22; other courses offered by the department.

Recommended courses: Mathematics 2B or Social Science 22; those in areas supplementary to psychology, specifically, sociology, child study, economics, education, mathematics and zoology. Points for these courses may not be offered toward the twenty-four required as minimum to complete the major.

### Minor

Required course: Psychology 11.

Elective courses: Child Study 22 and courses elected with departmental guidance from those offered by the department.

### Psychology 11 Introductory Psychology

An introductory survey of the field of general psychology, considering the methods of psychology and some of the main results and applications obtained from the study of human experience and behavior. Special attention is given to the normal adult. This course is generally basic to further work in psychology.

3 hours a week, 1 semester, 3 points

### Psychology 14 Adolescent Psychology

A comprehensive survey of adolescent behavior in all its aspects, physical, mental, emotional, social, and moral. Problems of guidance and practical direction of adolescent development are given special consideration.

Prerequisite: Psychology 11 or Education 15  
2 hours a week, 1 semester, 2 points

## Psychology 16 Abnormal Psychology

An investigation of the main forms of deviate experience and behavior with emphasis upon the explanatory principles. This survey considers the major psychoses, the neuroses, and psychopathic personality. Techniques of therapy are discussed.

Prerequisite: Psychology 11 or equivalent

2 hours a week, 1 semester, 2 points      Spring

## Psychology 18 Psychological Tests

A survey of psychological measurement with emphasis upon tests of intelligence, personality, and special abilities. Techniques of administration and scoring, and interpretation of results are considered.

Prerequisite: Psychology 11 or equivalent

3 hours a week, 1 semester, 3 points      Spring

## Psychology 20 Social Psychology

A psychological interpretation of the chief forms of social experience and behavior. Personality and culture, human conflict, and mass behavior including fashion, public opinion, propaganda, and the crowd are among the topics discussed.

Prerequisite: Psychology 11 or equivalent

3 hours a week, 1 semester, 3 points      Fall

## Psychology 24 Personnel—Industrial Psychology

A study of psychological principles applied to various problems of human efficiency in the areas of vocational adjustment and industrial and business processes, including advertising, consumer research, and selling.

Prerequisite: Psychology 11 or equivalent

3 hours a week, 1 semester, 3 points      Fall 1962

## Psychology 32 Psychology of Personality

A critical inquiry into contemporary concepts and methods of describing and understanding the individual. Factors in the development of personality, and practical aspects of personality adjustment are considered.

Prerequisite: Psychology 11 or equivalent

2 hours a week, 1 semester, 2 points      Fall

## Psychology 35 Systematic Psychology

A systematic survey of the major contemporary "schools" of psychology with a critical evaluation of their several viewpoints on the outstanding problems in psychology.

Prerequisite: Psychology 11 or equivalent  
2 hours a week, 1 semester, 2 points Spring

## Psychology 50 Mental Hygiene

A survey of the basic principles, procedures, and problems in the maintenance and promotion of wholesome personality adjustment and mental health. Mental hygiene aspects of education are given special consideration. Case studies are used to demonstrate techniques employed in the modification of behavior and personality.

Prerequisite: Psychology 11 or Education 15  
2 hours a week, 1 semester, 2 points

## Psychology 58 Experimental Psychology

A study of experimental procedures and results in the investigation of representative psychological phenomena: psychophysics, sensation, perception, judgment.

Prerequisite: Psychology 11 or equivalent  
2 lectures, 2 hours laboratory a week, 1 semester, 3 points Not offered 1962

## Psychology 59 Experimental Psychology

A continuation of Psychology 58. The topics considered are learning, memory, motivation, and emotion.

Prerequisite: Psychology 58  
2 lectures, 2 hours laboratory a week, 1 semester, 3 points Not offered 1963

## Psychology 70 Topical Seminar

A specific topic of interest in the field of psychology is selected for critical and intensive investigation.

1 hour a week, 1 semester, 1 point Spring  
Required of majors in psychology. Other students admitted only with permission of the department.

*Child Psychology, Educational Psychology and Statistics are offered by other departments as Child Study 22, Education 15 and Social Science 22, respectively.*

## *Science*

SISTER MARIE CLOTILDE, M.A.  
SISTER MARY BEATRICE, Ph.D.  
SISTER MARY CORDE, M.S.  
SISTER VIRGINIA THERESE, M.S.  
SISTER SAINT FRANCIS, Ph.D.  
SISTER ROSE CATHERINE, M.S.  
SISTER ANITA ROSAIRE, M.S.  
SISTER M. EUGENIO, B.S.

One year of science is required of every student. Election may be made of biology, chemistry, or physics.

The courses are designed to contribute to the student's general culture. Courses for majors and minors carry the additional aspect of providing a background for graduate study and for vocational needs.

## BIOLOGY

Admitted to biology major or minor: Students who attain a minimum average of C in the first two semesters of biology.

Freshman biology is a prerequisite for advanced courses in biology.

### Major

Points for Biology 1 or 110 and Biology 2 or 111 may be offered toward the required twenty-four by *Plan B* students only.

Recommended courses: Chemistry 30 and 31.

### Minor

Points for freshman biology may be offered toward the required eighteen.

## Biology 1 General Biology

Introduction to general principles of biology as a source of general culture and as a preparation for advanced work in biology.

3 lectures, 3 hours laboratory a week, 1 semester, 4 points      Fall

## Biology 2 General Biology

Continuation of the study of general principles.

3 lectures, 3 hours laboratory a week, 1 semester, 4 points Spring

## Biology 110 General Biology

Fundamental principles of biology in the light of modern developments.

Prerequisites: 90% average in high school biology; chemistry; Dept. approval

3 lectures, 3 hours laboratory a week, 1 semester, 4 points Fall

## Biology 111 General Biology

Continuation of fundamental principles.

Prerequisites: Dept. approval

3 lectures, 3 hours laboratory a week, 1 semester, 4 points Spring

## Biology 10 Vertebrate Embryology

The ontogeny of the frog, chick, and pig, introduced with a study of spermatogenesis, oogenesis, fertilization, and cleavage.

2 lectures, 4 hours laboratory a week, 1 semester, 4 points

## Biology 11 Bacteriology

Study of the biology of bacteria and related microorganisms. Laboratory methods of staining, culturing, identifying and testing physiological reactions of bacteria.

2 lectures, 4 hours laboratory a week, 1 semester, 4 points

## Biology 21 Botany

Plant organs. Manufacture and utilization of foods. Types from the four phyla of plants. Floral types and the classification of angiosperms. Seeds and fruits. Inheritance and variation. Evolution. Geographic distribution of plants in North America. Economic significance of plants.

2 lectures, 4 hours laboratory a week, 1 semester, 4 points

## Biology 32 Biology of Vertebrates

A study of the structure of the principal types of vertebrates.

2 lectures, 4 hours laboratory a week, 1 semester, 4 points Fall



## **Biology 44    Physiology**

A study of the vertebrate physiology with particular reference to the mechanics of circulation, nutrition, neuromuscular activities, and sense perception.

2 lectures, 4 hours laboratory a week, 1 semester, 4 points

## **Biology 71    Genetics**

A study of the laws of heredity and variation, including a consideration of their application to modern problems: physiological and developmental genetics, human inheritance, radiation genetics, evolution.

3 lectures a week, 1 semester, 3 points

## **Biology 72    Genetics Laboratory**

An investigation of the techniques and procedures employed in basic genetic research.

Prerequisite: Biology 71 (May be taken concurrently)

2 hours laboratory a week, 1 semester, 1 point

## **Biology 80    Seminar**

A consideration of the development of biological thought with special reference to problems of current interest and their interpretation in the light of fundamental biological principles.

Required of majors in their Senior year

1 hour a week, 1 semester, 1 point

## **Biology 90    Vertebrate Histology and Microtechnique**

Microscopic anatomy of the fundamental tissues and organs of the vertebrates. Practice in the basic techniques involved in preparing tissues for microscopic study.

1 lecture, 6 hours laboratory a week, 1 semester, 4 points

## **Biology 200    Honors Course**

A laboratory course designed to give the qualified student in her Senior year an opportunity to investigate problems related to biological research.

Prerequisite: An average of B in the major field

6 hours laboratory a week, 1 semester, 3 points



## CHEMISTRY

A minimum grade of C is required in all chemistry courses before the declaration of major or minor.

### Major

Required courses for *Plan A* students: Chemistry 22, 30, 31, 52, 53, 60; Mathematics 120 and 121; Physics 1 and 2.

Effective courses for *Plan A* students: Chemistry 23, 33, 113, 223, Science 40.

*Plan B* students are strongly advised to meet the requirements for *Plan A* students. They may include points for Chemistry 1 or 110 and Chemistry 2 or 111 among the required 24.

### Chemistry 1 General Chemistry

A study of atomic structure with emphasis on some typical non-metals and their compounds; the laws of chemistry and their applications.

3 lectures, 3 hours laboratory a week, 1 semester, 4 points Foll

### Chemistry 2 General Chemistry

Continued study of the periodic table, metals, electrochemistry, chemistry of carbon and its compounds, radioactivity and nuclear chemistry. A study of the fundamental principles of solution and chemical equilibrium; semiquantitative and qualitative analytical experimental procedures.

3 lectures, 3 hours laboratory a week, 1 semester, 4 points Spring

### Chemistry 110 General Chemistry

An intensive course stressing principles of chemistry with emphasis on problem work.

Prerequisites: 85% in high school chemistry and Dept. approval

3 lectures, 3 hours laboratory a week, 1 semester, 4 points Foll

## Chemistry 111 Analytical Chemistry

A continuation of Chemistry 110 using analytical procedures in the laboratory.

Prerequisites: Chemistry 110 or Dept. approval

3 lectures, 3 hours laboratory a week, 1 semester, 4 points      Spring

## Chemistry 22 Quantitative Analysis I

The theory and practice of typical volumetric and gravimetric methods. Analyses include determinations of sulfates, chlorides, carbonates, iron, copper. Iodimetric methods, acidimetry, alkalimetry.

2 lectures, 6 hours laboratory a week, 1 semester, 4 points      Fall

## Chemistry 23 Quantitative Analysis II

Further analysis of the principles of quantitative analysis, with an introduction to instrumentation.

Prerequisite: Chemistry 22

6 hours laboratory a week, 1 semester, 2 points

## Chemistry 30 Organic Chemistry I

Study of the preparation and properties of the representative members of the aliphatic series, fundamental principles of electron mechanisms, study of structure.

3 lectures, 6 hours laboratory a week, 1 semester, 5 points      Fall

## Chemistry 31 Organic Chemistry II

Study of difunctional aliphatic compounds, aromatic compounds, and natural products.

Prerequisite: Chemistry 30

3 lectures, 6 hours laboratory a week, 1 semester, 5 points      Spring

## Chemistry 33 Biochemistry

Study of animal biochemistry with reference to structure and functions of carbohydrates, lipids, proteins, enzymes and enzyme teams, vitamins, hormones, minerals.

Prerequisites: Chemistry 22, 30, 31

2 lectures, 3 hours laboratory a week, 1 semester, 3 points

## Chemistry 52 Physical Chemistry I

The first half of a general course in physical chemistry: Gases, liquids, crystalline state of matter, elementary thermodynamics, solutions, homogeneous and heterogeneous equilibria.

3 lectures, 3 hours laboratory a week, 1 semester, 4 points      Spring

## Chemistry 53 Physical Chemistry II

The second half of a general course in physical chemistry: Chemical kinetics, chemical thermodynamics, spectroscopy, colloids, electrochemistry, atomic theory and structure of matter.

Prerequisite: Chemistry 52

3 lectures, 3 hours laboratory a week, 1 semester, 4 points      Fall

## Chemistry 60 Seminar in Chemistry

A consideration of the problems and method of scientific research.

Required of majors in Senior year

1 hour a week, 1 semester, 1 point      Spring

## Chemistry 113 Advanced Inorganic Chemistry

A study of modern theories of the reactivity and structure of inorganic compounds.

Prerequisite: Chemistry 22

2 lectures a week, 3 hours laboratory a week, 1 semester, 3 points      Spring

## Chemistry 223 Honors Course in Chemistry

A laboratory course offered to chemistry majors who show an aptitude to do independent work on a minor research problem.

6 hours laboratory a week, 1 semester, 2 points

## GENERAL SCIENCE

### Minor

A minor in general science of eighteen points includes the freshman course points.

*Plan B* science majors are required to include Science I and II.

## Science 1 The Physical Universe I

An integrated course in the physical sciences covering the broader aspects of earth science.

3 lectures a week, 1 semester, 3 points      Fall

## Science 2 The Physical Universe II

A study of some practical aspects of elementary geology, astronomy, and meteorology.

Prerequisites: Science I

4 hours laboratory a week, 1 semester, 2 points      Spring

## Science 40 Radioisotopes

Isotope methodology and applications. Training in the operation and applications of radiation counting equipment and monitoring devices in health physics, chemical separations, and biological applications.

1 lecture, 3 hours laboratory a week, 1 semester, 2 points

Open to seniors only.

This course may be credited to the major or minor in any of the sciences.

## PHYSICS

### Minor

A minimum grade of C is required in both Physics 1 and 2 before the declaration of a minor.

#### Physics 1 General Physics

Mechanics, Molecular Physics, Heat, Sound.

Newton's law of motion, mechanics and properties of matter, mechanics of rigid bodies, work and energy, fluids in motion, molecular and atomic theory, special properties of matter due to molecular forms, elasticity; temperature, quantity of heat, work and heat, transfer of heat; wave motion and sound.

3 lectures, 3 hours laboratory a week, 1 semester, 4 points      Fall

#### Physics 2 General Physics

Magnetism, Electricity, Atomic Physics.

Magnetism, electrostatics, electric circuits, electromagnetism; conduction through gases, radioactivity; nature of light, propagation and photometry, reflection, refraction, lenses, optical instruments, interference, diffraction, polarization.

3 lectures, 3 laboratory hours a week, 1 semester, 4 points      Spring

#### Physics 31 Heat

Temperature and its measurement, calorimetry, specific heats, thermal expansion, transfer of heat, ideal gases, change of state, continuity of state, first and second laws of thermodynamics, reversibility, the Carnot cycle, the Kelvin temperature, entropy, the steam engine, refrigeration.

Prerequisites: Physics 1, 2

3 lectures, 3 hours laboratory a week, 1 semester, 4 points

## Physics 32 Heat

Same content as Physics 31 but without the laboratory.

Prerequisites: Physics 1, 2

3 lectures a week, 1 semester, 3 points

## Physics 41 Mechanics

Further study of statics and dynamics of particles and rigid bodies, kinematics, special rigid body motions; consideration of vectors, potential, and central forces.

Prerequisites: Physics 1, 2

3 lectures a week, 1 semester, 3 points

## Physics 52 Introduction to Modern Physics I

Specific heats of gases, determination of electronic charge, positive rays, mass spectograph, development of periodic table, radiant energy, atomic theory, hydrogen spectrum, x-rays, Compton effect, photoelectric effect.

Prerequisites: Physics 1 and 2

2 lectures a week, 3 hours laboratory a week, 1 semester, 3 points      Fall

## Physics 53 Introduction to Modern Physics II

Radioactivity, radioisotopes, accelerators, nuclear reactions, fission, fusion, cosmic rays, mesons.

Prerequisite: Physics 52

2 lectures a week, 3 hours laboratory a week, 1 semester, 3 points      Spring

## Social Science

MARY J. HUSCHLE, J.D.  
MARION BRENNAN, M.A.  
SISTER GEORGE AQUIN, M.A.  
JOHN A. ARNEZ, M.A.

The Department of the Social Sciences consists of three divisions — sociology, economics and political science. Its aim is to develop a broad understanding of social, economic and political problems and to instill in the students an interest which may lead to a constructive activity in the solution of contemporary problems in these fields.

### SOCIAL SCIENCE MAJOR

Students majoring in Social Science under the *A Plan* are required to take Social Science 11, 20, 40, 80. The remaining credits are chosen from among the three divisions of the social sciences with departmental guidance.

### SOCIAL SCIENCE MINOR

1) Students with a History major under the *B Plan* are required to take Social Science 11, 6, 20, 26, 28, 72, 73.

2) Other students may concentrate in one of the three divisions, that is, a minor in Political Science or Economics or Sociology-Anthropology. In this case the student is required to take at least twelve (12) credits in the field of concentration. The remaining credits shall be selected under departmental guidance.

### POLITICAL SCIENCE

#### Social Science 11 American Government—Federal

A study of the Federal government in the United States, considering the political theory, the organization and procedure of the legislative, executive and judicial departments; limitations on government powers; relationship between Federal government and the States; political parties, public opinion, suffrage; police power; governmental activities.

Required course

3 hours a week, 1 semester, 3 points



## Social Science 2 Constitutional Law

A study of the *Constitution of the United States*; its origin, theory and development; a consideration of constitutional interpretation by the United States Supreme Court in leading constitutional decisions relating to individual rights and liberties; police power, due process of the law, relation of Federal and State powers; citizenship; powers of Congress.

2 hours a week, 1 semester, 2 points      Spring 1963

## Social Science 4 Political Thought and Legislative Trends

A study of the principles of the major schools of recent political thought; their relation to the development of social and economic legislation in the United States.

Prerequisite: Social Science 11

2 hours a week, 1 semester, 2 points      Spring 1964

## Social Science 5 Comparative Governments

A study of political and governmental institutions and trends, with special attention to England, France, Russia, Japan and Germany.

Prerequisite: Social Science 11

2 hours a week, 1 semester, 2 points      Spring 1963

## Social Science 6 American Government—State and Local

Analysis of the structure, powers, areas of operation and inter-relationship of state and local units.

3 hours a week, 1 semester, 3 points      Fall

## Social Science 100 International Relations and Organization

The place of International Law in international affairs; study of major principles; sovereignty, recognition, jurisdiction, treaties, pacific settlement, international organizations, with emphasis on the United Nations.

3 hours a week, 1 semester, 3 points      Fall



## ECONOMICS

### Social Science 20    Introductory Economics

A description of economic life and problems; the market, pricing of goods and services; business cycle; corporate organization; the banking system; foreign trade; agriculture; labor organization; government expenditures and receipts.

3 hours a week 1 semester, 3 points

### Social Science 21    Industrial Relations

A general description of the role of labor in the American economy. The problems of labor: wages, hours; unemployment; accidents and occupational diseases; old age; special groups in labor force. The history of the labor movement. Employer organizations and employer tactics. Collective bargaining; labor relations and the law. The Catholic Church and labor. Discussions include references to current labor issues.

2 hours a week, 1 semester, 2 points      Fall

### Social Science 22    Statistics

Elementary statistical methods developed to facilitate use by students of social sciences. Methods of collecting data; sampling; tabular and graphic presentation; frequency distribution; time series analysis; index numbers; simple correlation. Data and application are selected from the various fields in the social sciences.

3 hours a week, 1 semester, 3 points      Spring

### Social Science 23    Money and Banking

A study of the development of the modern system of money, credit and banking; relation of this development to large scale production and exchange; bimetallicism, gold standard, gold exchange standard, foreign exchanges, the role of money in the theory of international trade; business cycle, stabilization of business; investment banking, commercial banks, consumptive credit institutions and the Federal Reserve system; problems of credit and banking considered from the point of view of the individual as well as from the public and social point of view.

Prerequisite: Social Science 20

3 hours a week, 1 semester, 3 points

## **Social Science 26    Economic Analysis**

Marginal analysis of the demand and supply, of individual firm, of perfect and imperfect competition.

Prerequisite: Social Science 20

3 hours a week, 1 semester, 3 points      Spring

## **Social Science 28    The Development of Modern Economic Thought**

A study of the leading economists of the following schools: Classical; Nationalist; Socialist; Historical; Neo-classical; and modern contributions to thought. Assigned readings from the better known works of these leaders to be discussed with emphasis on the political and social implications.

Prerequisite: Social Science 20

3 hours a week, 1 semester, 3 points      Fall

## **Social Science 29    American Economic History**

Historical development of the American economy, its social and political implications: from the colonial agricultural era to the modern industrial society.

3 hours a week, 1 semester, 3 points      Fall 1963

## **Social Science 72    Economic Geography**

Human, technological and natural factors in American economic development. Distribution of population and economic activities in the U. S.

2 hours a week, 1 semester, 2 points      Fall

## **Social Science 73    Economic Geography**

Economic geography of the rest of the world: survey of a few selected countries, their growth and their underlying demographic and production forces.

2 hours a week, 1 semester, 2 points      Spring

## SOCIOLOGY-ANTHROPOLOGY

### Social Science 40 Introductory Sociology

The nature of sociology and its place in the social sciences; basic conditions of sociocultural life; types of social groups; society and its cultural heritage; ecology and community organization; population traits and trends; social interaction and social process; social institutions; society and personality.

3 hours a week, 1 semester, 3 points      Fall

### Social Science 41 Social Pathology

A study of the causes, meaning and treatment of the principal forms of maladjustment in modern society including problems of individual disorganization; juvenile delinquency and crimes of adults; drug addiction; alcoholism; social adjustment of the chronically ill, physically handicapped, mentally disordered and mentally deficient; family disorganization, desertion, divorce and illegitimacy; community disorganization; minority conflicts, religious and racial; migratory labor and unemployment.

2 hours a week, 1 semester, 2 points      Spring

### Social Science 42 Introduction to Social Work

The objectives of sociological research case study method; scope and use of type studies. Technique, consisting of observation as objective scrutiny of phenomena and as a record; social research interviews; diary of the social worker; use of research maps; documentation; analysis and interpretation of case materials.

Systematic investigation of social groups to develop the necessary critical and impartial attitude of the social service worker.

Limited to Juniors and Seniors. Other students admitted with permission of the professor.

2 hours a week, 1 semester, 2 points      Spring, 1963

### Social Science 43 Criminology

Course in applied sociology dealing with the character, causes and treatment of crime; special attention given to juvenile delinquency, its treatment and prevention; the concepts underlying modern penological and correctional procedure in criminal cases; penal and reformatory institutions, psychiatric clinics, and the principles and methodology of probation and parole.

2 hours a week, 1 semester, 2 points      Spring

### Social Science 44 History of Social Thought

Survey of the contributions of representative social thinkers of past years to their cultures; emphasis on Catholic social thought and on the development of empirical sociology from Comte to present day.

2 hours a week, 1 semester, 2 points      Spring

### Social Science 45 Urban Sociology

Development of the modern city; ecology of city life; social mobility and the relations of city and country; social institutions and problems in the modern city; the urban prospect.

Prerequisite: Social Science 40

2 hours a week, 1 semester, 2 points      Fall

### Social Science 46 Marriage and the Family

Marriage as a sacrament and the family as a social institution examined in both the historical and contemporary context. Although the emphasis is on practical problems and responsibilities of family life, discussions will include theoretical problems: sociological, psychological, canonical and legal. Factors contributing to strong family bonds as well as those contributing to family disorganization are analyzed.

Open to Seniors only, unless special permission is granted by the department.

2 hours a week, 1 semester, 2 credits

### Social Science 51 Cultural Anthropology

Descriptions of the cultures of the world, including the social organization, economic structure, religion and the life of the individual in selected primitive cultures.

3 hours a week, 1 semester, 3 points      Fall

### Social Science 53 The Cultures and Peoples of Africa

An anthropological analysis of the indigenous cultures of Africa with particular stress on the area south of the Sahara.

2 hours a week, 1 semester, 2 points      Spring

## Social Science 80 Seminar in Social Science

Collective discussion and criticism of reports and problems in the field of specialization.

Required of majors in the Senior year.

1 hour o week, 1 semester, 1 point      Spring

## Social Science 81 Probation Methods and Procedures: A Practical Application of Criminological Principles.

A combined educational, research and training course of 15 two-hour weekly sessions given in the spring semester at the County Court-house (Central Courts Building, 120 Schermerhorn Street, Brooklyn, N. Y.) by the Probation Department of the Kings County Court. Course content emphasizes the place of probation in the administration of justice; the relationship of the courts to social and correctional agencies; preparation of pre-sentence reports; sentencing procedures; principles and techniques of supervision; special problems, i.e. alcoholism and drug addiction; criminological research; and the use of group therapy. Course materials include live subjects, case records, statistical cards and data, tape recordings, motion pictures and slides. Term papers are supervised by the Probation Department. Students are assigned to Probation Officers for research and training. Opportunity is provided for 30 hours of additional laboratory and field experience.

LIMITED REGISTRATION: Special permission of the department is required.

2 hours o week, 1 semester, 1 point      Spring



## *Speech*

MARY SHEA, M.A.  
SISTER JOHN BAPTIST, M.A.  
RUTH C. KLEIN, M.A.

The purpose of speech training in a democracy is to provide students with the means for active participation in all the situations in life in which oral communication with others is involved. Courses in the Speech Department are planned so that students may learn how to get and to hold attention in speech situations, to say what they wish to say in class, to stir up rich meanings when reading aloud, to make characters in plays live, and to express their convictions effectively in public.

In keeping with the liberal arts tradition of the College the Speech Department offers a general major and a general minor with courses in dramatics, oratory, oral interpretation, radio, storytelling, speech correction and phonetics.

Speech 5 is the prescribed course for Freshmen. The Chairman of the Speech Department may, however, on the basis of a speech diagnosis, recommend an elective course in lieu of Speech 5.

### Major

Students desiring to major in speech must have acceptable speech and voice.

They must earn twenty-four points in speech including the Freshman speech requirement. These points should include Speech 2, 7, 8 or 9, 12, 19, 20, 30, 33, 57 and 100.

### Minor

Students minoring in speech must earn eighteen points including the Freshman speech requirement. These points should include Speech 2, 7 or 57, 8 or 9, 12, 19 or 20, 30 and 33.

### Speech 2 Phonetics

Detailed study of the sounds of English; use of International Phonetic system of sound description and notation; study of intonation pattern using Klinghardt's markings; practice in dictation and transcription. The use of phonetics as an aid in eliminating common speech errors will be stressed.

2 hours a week, 1 semester, 2 points



## Speech 5 Voice and Diction

Emphasis is placed upon acquiring proficiency in speech and voice—with participation in the various speech activities. Speech recordings are made by all students.

2 hours a week, 1 semester, 2 points

## Speech 7 Public Speaking

History of public speaking, including a study of classic orations and modern speeches. Techniques of speech making, the use and evaluation of source material. Frequent practice in preparation and delivery of speeches of various types. Special conferences in connection with individual work.

2 hours a week, 1 semester, 2 points      Spring

## Speech 8 Oral Interpretation I

The aim of the course is to stimulate the appreciation of English literature through study and practice in oral interpretation of poetry, prose and drama. The first semester is devoted to the narrative in poetry and prose, the ballad, the lyric and the sonnet.

2 hours a week, 1 semester, 2 points      Fall

## Speech 9 Oral Interpretation II

The course is carried along the same lines as Speech 8, with special emphasis on the oral interpretation of the dramatic monologue, selected dramatic scenes, choral speaking and the familiar essay. The study of techniques, with practice in verse speaking, is an important part of the work of this semester.

2 hours a week, 1 semester, 2 points      Spring

## Speech 12 Advanced Phonetics

Continuation of Speech 2, including considerable practice in dictation and transcription using narrow transcription. The class studies in detail the phenomenon of assimilation in connected speech and makes a special study of phonemes and comparative phonetics.

Prerequisite: Speech 2

2 hours a week, 1 semester, 2 points      Spring

## Speech 16 Story Telling

A study of representative folk-tales of all nations. Methods and participation in story telling.

2 hours a week, 1 semester, 2 points      Fall

## Speech 19 Speech Correction

Theories of speech disorders; diagnostic and remedial techniques. Application of methods of speech correction.

2 hours a week, 1 semester, 2 points      Fall

## Speech 20 Studies in Speech Correction

An intensive study of major speech disorders with special emphasis on the speech of the deafened. Supervised practice in diagnosis and remedial techniques.

Prerequisite: Speech 19 or permission of the instructor.

2 hours a week, 1 semester, 2 points      Spring

## Speech 23 Technique of Radio Speech

A study of the voice and speech techniques used by the radio announcer, the radio actor and the radio speaker; consideration of the problems of the director; adaptation of material for radio; preparation and presentation of radio scripts.

2 hours a week, 1 semester, 2 points      Spring

## Speech 27 Parliamentary Procedure

A study of the basic principles of parliamentary procedure.

1 hour a week, 1 semester, 1 point      On demand

## Speech 30 Principles of Acting

Fundamentals of acting including character analysis and pantomime.

2 hours a week, 1 semester, 2 points      Fall

## Speech 33 Play Production

A study of the principles involved in the mechanical aspects of play production; organization and direction of amateur dramatic groups; practice in stage design.

2 hours a week, 1 semester, 2 points      Spring



## Speech 34 Principles of Theatrical Make-up

A study of make-up materials as used in the theatre. Demonstrations and practice in the use of materials for straight and character make-up.

1 hour a week, 1 semester, 1 point      On demand

## Speech 47 Public Discussion

Study of the techniques of leading and participating in public discussion. Emphasis on various forms of group discussion with practice in each.

2 hours a week, 1 semester, 2 points      Fall

## Speech 57 Debate

Principles of argumentation and debate. Participation in various forms of debate.

2 hours a week, 1 semester, 2 points      On demand

## Speech 100 Seminar in Speech

A study of the techniques of research and their application in the field of speech.

Required of all speech majors in their Senior year

1 hour a week, 1 semester, 1 point      Spring



## Theology

REVEREND RAYMOND S. LEONARD, Ph.D.

REVEREND MICHAEL J. CANTLEY, S.T.L.

The courses in theology are based on the *Summa Theologica* of St. Thomas and aim to present scientifically the content of the Faith on a college level.

Required courses: Theology 5, 6, 7 and 8.

### Theology 5 Dogmatic Theology

The existence and nature of God; The Church; The Trinity; the creation of angels, the world, and man; the government of the world by God.

Required of Juniors

2 hours a week, 1 semester, 2 points

### Theology 6 General Moral Theology

Happiness, Grace, human acts, passions and virtues, sin, law.

Required of Seniors

2 hours a week, 1 semester, 2 points

### Theology 7 The Theology of the Virtues

Faith, hope, charity, prudence, justice, religion, social virtues, fortitude, temperance, the three ways, spiritual states.

Required of Seniors

2 hours a week, 1 semester, 2 points

### Theology 8 Sacramental Theology

The Incarnation; the Redemption; the Blessed Virgin; the Sacraments: Baptism, Confirmation, The Eucharist, Penance, Extreme Unction, Holy Orders; the Last Things.

Required of Juniors

2 hours a week, 1 semester, 2 points

### Theology 9 Theology of the Old Testament

Introduction to the Bible by way of: Inspiration, Hermeneutics, Canonicity; a study of the contents with emphasis placed on the Historical Books.

2 hours a week, 1 semester, 2 points      On demand

### Theology 10 Theology of Saint Paul

All the Epistles of St. Paul with special attention paid to the Romans; the Acts of the Apostles and the Catholic Epistles.

2 hours a week, 1 semester, 2 points      On demand

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## *Forms of Bequest*

I give and bequeath to St. Joseph's College for Women, a corporation established by law, at Brooklyn, in the County of Kings, and State of New York, the sum of.....dollars, to be appropriated by the Trustees for the benefit of the College in such manner as they shall think most useful.

I give and bequeath to St. Joseph's College for Women, a corporation established by law, at Brooklyn, in the County of Kings, and State of New York, the sum of.....dollars, to be appropriated by the Trustees for the benefit of the ..... Scholarship Fund.

The interest of this fund shall be applied to the aid of deserving students in St. Joseph's College for Women.









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